

Product datasheet

Anti-PSMC3IP antibody ab82772

1 图像

概述

|       |                                                                                                                                                                                               |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品名称  | Anti-PSMC3IP抗体                                                                                                                                                                                |
| 描述    | 兔多克隆抗体to PSMC3IP                                                                                                                                                                              |
| 宿主    | Rabbit                                                                                                                                                                                        |
| 经测试应用 | 适用于: WB, ELISA                                                                                                                                                                                |
| 种属反应性 | 与反应: Human<br>预测可用于: Mouse, Rat, Rabbit, Goat, Horse, Chicken, Cow, Cat, Dog, Pig, Zebrafish               |
| 免疫原   | Synthetic peptide derived from within residues: PEEKEQVYRE RQKYCKEWRK RKRMA TELSD AILEGYPKSK KQFFEEVGIE , corresponding to internal sequence amino acids 143-192 of Human PSMC3IP (NP_037422) |
| 阳性对照  | 721_B cell lysate                                                                                                                                                                             |

性能

|      |                                                                                                         |
|------|---------------------------------------------------------------------------------------------------------|
| 形式   | Liquid                                                                                                  |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: None<br>Constituents: 2% Sucrose, PBS                                                     |
| 纯度   | Immunogen affinity purified                                                                             |
| 克隆   | 多克隆                                                                                                     |
| 同种型  | IgG                                                                                                     |

应用

Our [Abpromise guarantee](#) covers the use of **ab82772** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

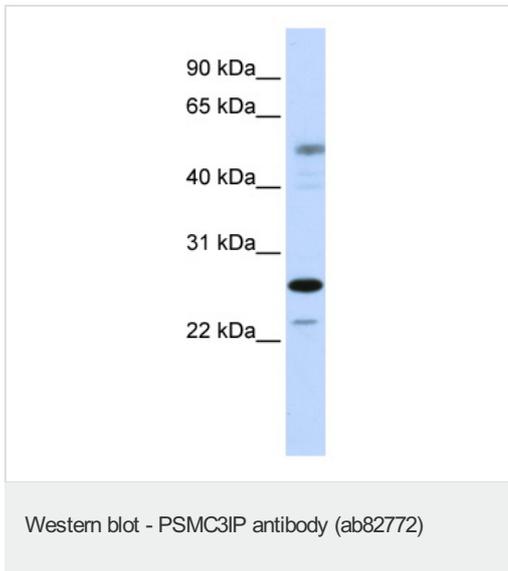
| 应用 | Ab评论 | 说明 |
|----|------|----|
|    |      |    |

| 应用    | Ab评论 | 说明                                                                                                                                                   |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| WB    |      | Use a concentration of 1 µg/ml. Predicted molecular weight: 24 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |
| ELISA |      | Use at an assay dependent concentration.<br>Titre using peptide based assay: 1/1562500.                                                              |

## 靶标

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>功能</b>    | Plays an important role in meiotic recombination. Stimulates DMC1-mediated strand exchange required for pairing homologous chromosomes during meiosis. The complex PSMC3IP/MND1 binds DNA, stimulates the recombinase activity of DMC1 as well as DMC1 D-loop formation from double-strand DNA. This complex stabilizes presynaptic RAD51 and DMC1 filaments formed on single strand DNA to capture double-strand DNA. This complex stimulates both synaptic and presynaptic critical steps in RAD51 and DMC1-promoted homologous pairing. May inhibit HIV-1 viral protein TAT activity and modulate the activity of proteasomes through association with PSMC3. Acts as a tissue specific coactivator of hormone-dependent transcription mediated by nuclear receptors. |
| <b>组织特异性</b> | Highly expressed in testis and colon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>疾病相关</b>  | Ovarian dysgenesis 3 (ODG3) [MIM:614324]: A disorder characterized by lack of spontaneous pubertal development, primary amenorrhea, uterine hypoplasia, and hypergonadotropic hypogonadism as a result of streak gonads. Note=The disease is caused by mutations affecting the gene represented in this entry.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>序列相似性</b> | Belongs to the HOP2 family.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>翻译后修饰</b> | PTM: Phosphorylated by PKA, PKC and MAPK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>细胞定位</b>  | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## 图片



Anti-PSMC3IP antibody (ab82772) at 1 µg/ml  
+ 721\_B cell lysate at 10 µg

**Secondary**

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 24 kDa

**Observed band size:** 24 kDa

**Additional bands at:** 28 kDa, 55 kDa. We  
are unsure as to the identity of these extra  
bands.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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