


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
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 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 RKRIMATELSD 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 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
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.

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration. Titre using peptide based assay: 1/1562500.

靶标

功能 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.

组织特异性 Highly expressed in testis and colon.

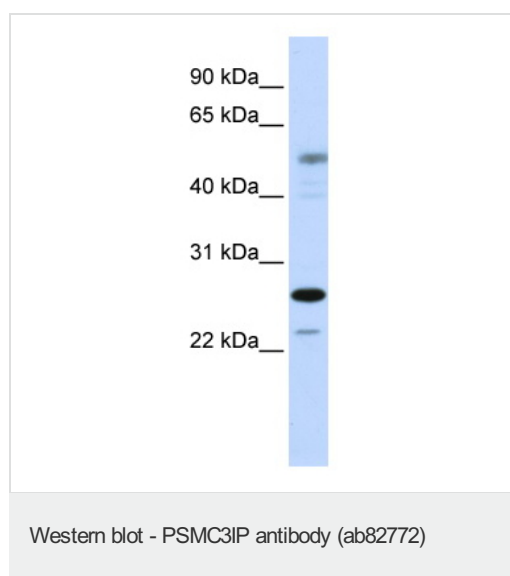
疾病相关 Ovarian dysgenesis 3 (ODG3) [MIM:614324]: A disorder characterized by lack of spontaneous pubertal development, primary amenorrhea, uterine hypoplasia, and hypergonadotropic hypogonadism as a result of streak gonads. Note=The disease is caused by mutations affecting the gene represented in this entry.

序列相似性 Belongs to the HOP2 family.

翻译后修饰 PTM: Phosphorylated by PKA, PKC and MAPK.

细胞定位 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.

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