

Product datasheet

Anti-ING2 antibody ab2643

1 References 1 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-ING2抗体 |
| 描述 | 山羊多克隆抗体to ING2 |
| 经测试应用 | 适用于: WB, ICC/IF |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide: DKSTKTKKDRRSR, corresponding to C terminal amino acids 267-280 of Human ING2. Run BLAST with ExPASy Run BLAST with NCBI |
| 阳性对照 | HepG2 lysate |
| 常规说明 | Principal Names - ING1L; inhibitor of growth family, member 1-like; p33ING2; inhibitor of growth 1-like Official Gene Symbol - ING1L GenBank Accession Number – NP_001555 LocusLink ID - 3622 (human) Gene Ontology terms - chromatin binding; signal transduction; chromosome |

性能

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|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| 存储溶液 | Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris, pH 7.3 |
| 纯度 | IgG fraction |
| 纯化说明 | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab2643** in the following tested applications.

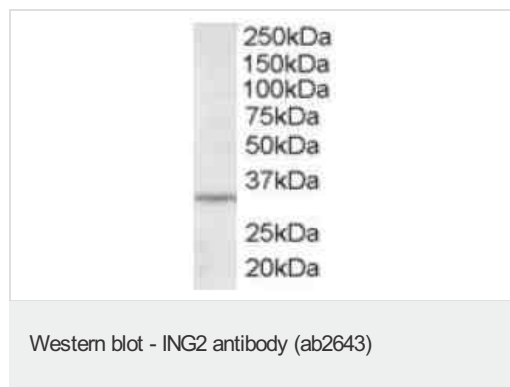
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab 评论 | 说明 |
|--------|-------|---|
| WB | | Use a concentration of 2 - 4 µg/ml. Detects a band of approximately 33 kDa (predicted molecular weight: 32.8 kDa). Can be blocked with Human ING2 peptide (ab22925) . |
| ICC/IF | | Use at an assay dependent dilution. |

靶标

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|--------------|--|
| 功能 | Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs). |
| 组织特异性 | Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues. |
| 序列相似性 | Belongs to the ING family. Contains 1 PHD-type zinc finger. |
| 结构域 | The PHD-type zinc finger domain binds to phosphoinositides (PtdInsPs), including phosphatidylinositol 5-phosphate (PtdIns(5)P). |
| 细胞定位 | Nucleus. Predominantly nuclear. Localized to chromatin and nuclear matrix. Upon reduced PtdIns(5)P levels seems to be released from chromatin and, at least partially, translocated to the cytoplasm. |

图片



Anti-ING2 antibody (ab2643) at 2 µg/ml + HepG2 lysate (RIPA buffer, 35µg total protein per lane).

Predicted band size : 32.8 kDa

Observed band size : 30 kDa

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