

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
宿主	Goat
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: DKSTEKTKKDRRSR, 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

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	Immunogen affinity purified
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.

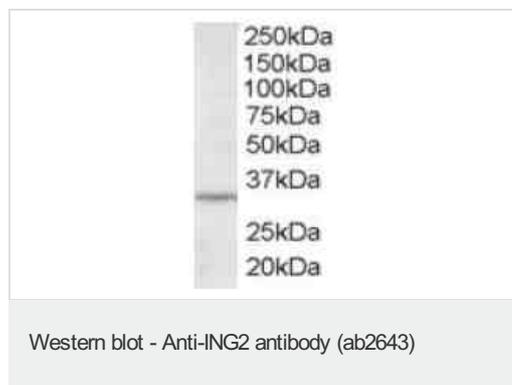
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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

Primary incubated for 12 hour. Detected by western blot using chemiluminescence.

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