

## Product datasheet

# Anti-ING2 antibody ab2643

1 References 1 图像

### 概述

<b>产品名称</b>	Anti-ING2抗体
<b>描述</b>	山羊多克隆抗体to ING2
<b>宿主</b>	Goat
<b>经测试应用</b>	<b>适用于:</b> WB, ICC/IF
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide: DKSTEKTKKDRRSR, corresponding to C terminal amino acids 267-280 of Human ING2. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>阳性对照</b>	HepG2 lysate
<b>常规说明</b>	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

<b>形式</b>	Liquid
<b>存放说明</b>	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.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, 0.5mg/ml Tris, pH 7.3
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

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

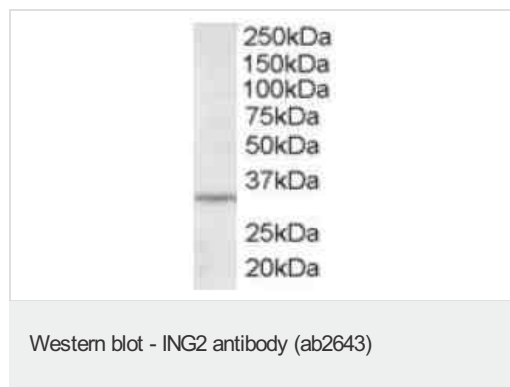
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 <a href="#">Human ING2 peptide (ab22925)</a> .
ICC/IF		Use at an assay dependent dilution.

## 靶标

<b>功能</b>	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).
<b>组织特异性</b>	Widely expressed. Higher expressed in colon-cancer tumor than in normal colon tissues.
<b>序列相似性</b>	Belongs to the ING family. Contains 1 PHD-type zinc finger.
<b>结构域</b>	The PHD-type zinc finger domain binds to phosphoinositides (PtdInsPs), including phosphatidylinositol 5-phosphate (PtdIns(5)P).
<b>细胞定位</b>	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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