

**ING1 Antibody**  
**Rabbit mAb**  
**Catalog # AP92897****Specification**

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**ING1 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9UK53</a>
Reactivity	<b>Rat</b>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
Growth inhibitor ING1; Ing1; Inhibitor of growth 1; mING1h; p24ING1c; p33; p33ING1; p33ING1b; p33ING1c; p37Ing1b; p47; p47ING1a; Tumor suppressor ING1;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>46738 Da</b>

**ING1 Antibody - Additional Information**

Dilution	<b>WB~~1:1000</b>
Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human ING1</b>
Description	<b>Cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. Implicated as a tumor suppressor gene.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**ING1 Antibody - Protein Information****Name** ING1**Function**

Cooperates with p53/TP53 in the negative regulatory pathway of cell growth by modulating p53-dependent transcriptional activation. Implicated as a tumor suppressor gene.

**Cellular Location**

Nucleus.

**Tissue Location**

Isoform 2 was expressed in all normal tissues and cells examined, as well as in all breast cancer and melanoma cell lines examined. Isoform 3 was expressed in testis, liver, and kidney, weakly

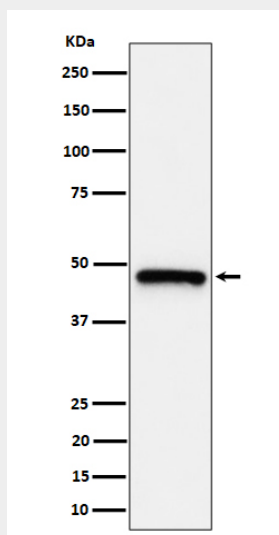
expressed in colon and brain and not expressed in breast and cultured melanocytes. Isoform 4 was highly expressed in testis and weakly expressed in brain, but not expressed in breast, colon, kidney, melanocytes, breast cancer or melanoma cell lines

### ING1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### ING1 Antibody - Images



Western blot analysis of ING1 expression in HeLa cell lysate.