

**Product Name: ING1 Rabbit Monoclonal Antibody****Catalog #: AMRe03049**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.64mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 47 kDa; Observed MW: 47 kDa

**Antigen Information**

<b>Gene Name</b>	ING1
<b>Alternative Names</b>	p33; p47; p33ING1; p24ING1c; p33ING1b; p47ING1a
<b>Gene ID</b>	3621
<b>SwissProt ID</b>	Q9UK53
<b>Immunogen</b>	A synthetic peptide of human ING1

**Background**

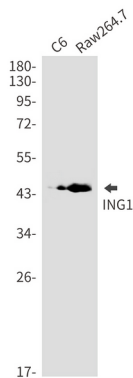
This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling

pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.

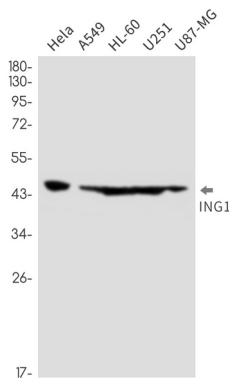
## Research Area

Cell Biology

## Image Data



Western blot analysis of ING1 in C6, Raw264.7 lysates using ING1 antibody.



Western blot analysis of ING1 in HeLa, A549, HL-60, U251, U87-MG lysates using ING1 antibody.