

Rabbit ING1 Polyclonal Antibody | anti-ING1 antibody

ING1 antibody - C-terminal region

CATALOG # AAA200095	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

PRODUCT SYNONYMS

ING1; Polyclonal Antibody; ING1 antibody - C-terminal region; anti-ING1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EK KAKTSKKKKR SKAKAEREAS PADLPIDPNE PTYCLCNQVS YGEMIGCD
Sequence Length	279
Applicable Applications for anti-ING1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ING1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ING1 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that ING1 is expressed in HepG2



WB (Western Blot)

Lanes: 1: 30ug HeLa lysate, 2: 30ug HFF lysate, 3: 30ug U2OS lysate Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:5000 Gene Name: ING1 Submitted by: Dr. Hyung Suk Oh, Knipe Lab, Harvard Medical School

ADDITIONAL INFORMATION

Related Product Information for anti-ING1 antibody	This is a rabbit polyclonal antibody against ING1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ING1 is a tumor suppressor protein that can induce cell growth arrest and apoptosis. The 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 ING1 gene have been detected in various cancers. 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.
Product Categories/Family for anti-ING1 antibody	Polyclonal; Transcription Factor; Cell Cycle Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Signal Transduction; Apoptosis; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201667
NCBI GeneID	3621
NCBI Accession #	NP_937862
NCBI GenBank Nucleotide #	NM_198219
UniProt Accession #	Q5T9H0; Q9UK53
Molecular Weight	32kDa
NCBI Official Full Name	inhibitor of growth protein 1 isoform A
NCBI Official Synonym Full Names	inhibitor of growth family member 1
NCBI Official Symbol	ING1
NCBI Official Synonym Symbols	p33; p47; p33ING1; p24ING1c; p33ING1b; p47ING1a
NCBI Protein Information	inhibitor of growth protein 1
UniProt Protein Name	Inhibitor of growth family, member 1
UniProt Gene Name	ING1
UniProt Entry Name	Q5T9H0_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ing1-antibody-western-blot-elisa/200095>