

Rabbit ING3 Polyclonal Antibody | anti-ING3 antibody

ING3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167570	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ING3; Polyclonal Antibody; ING3 Antibody; Eaf4; ING2; MEAF4; p47ING3; anti-ING3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	92
Applicable Applications for anti-ING3 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ING3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54906 / sc-366026
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using ING3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ING3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ING3 antibody

The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Two alternatively spliced transcript variants encoding different isoforms have been observed.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201659
NCBI GeneID	54556
NCBI Accession #	NP_938008.1
NCBI GenBank Nucleotide #	NM_198267.1
Molecular Weight	11,449 Da
NCBI Official Full Name	inhibitor of growth protein 3 isoform 3
NCBI Official Synonym Full Names	inhibitor of growth family, member 3
NCBI Official Symbol	ING3
NCBI Official Synonym Symbols	Eaf4; ING2; MEAF4; p47ING3
NCBI Protein Information	inhibitor of growth protein 3
UniProt Protein Name	Inhibitor of growth protein 3
UniProt Gene Name	ING3
UniProt Entry Name	ING3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ing3-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/167570>