Rabbit ING3 Polyclonal Antibody | anti-ING3 antibody

ING3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197571	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

ING3; Polyclonal Antibody; ING3 antibody - N-terminal region; anti-ING3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:MD QLEQRVSEFF MNAKKNKPEW REEQMASIKK DYYKALEDAD EKVQLANQ
Sequence Length	418
Applicable Applications for anti-ING3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ING3
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-ING3 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: HepG2 cell lysate

IHC (Immunohistochemistry)
Immunohistochemistry with Placenta tissue at an antibody concentration of 5ug/ml using anti-ING3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ING3 antibody	This is a rabbit polyclonal antibody against ING3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ING3 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.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.
Product Categories/Family for anti-ING3 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; Apoptosis; Immunohistochemistry; Acetylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	38201655
NCBI GeneID	54556
NCBI Accession #	NP_061944
NCBI GenBank Nucleotide #	NM_019071
UniProt Accession #	Q9NXR8
Molecular Weight	47kDa
NCBI Official Full Name	inhibitor of growth protein 3 isoform 1
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-western-blot-immunohistochemistry-elisa/197571