

Rabbit ING3 Polyclonal Antibody | anti-ING3 antibody

ING3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327397	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

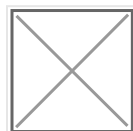
PRODUCT SYNONYMS

ING3; Polyclonal Antibody; ING3 Antibody; 1300013A07Rik; Eaf 4; Eaf4; FLJ20089; ING 2; ING 3; ING2; ING3_HUMAN; Inhibitor of growth family member 3; Inhibitor of growth protein 3; MEAF4; p47 ING 3; p47 ING3; p47 regulator protein; p47ING3; p47ING3 protein; anti-ING3 antibody

PRODUCT SPECIFICATIONS

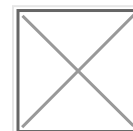
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ING3 antibody detects endogenous levels of total ING3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-ING3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ING3
Subcellular Location	Nuclear
Tissue Specificity	Expressed in brain, heart, kidney, liver, lung, ovaries, placenta, prostate, skeletal muscle, small intestine, spleen, testis and thymus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis ING3 using HeLa whole cell lysates



IHC (Immunohistochemistry)

AAA327397 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ING3 antibody	Function: Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome-DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AFZ from the nucleosome. Subunit Structure: Interacts with H3K4me3 and to a lesser extent with H3K4me2. Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit KAT5/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41, VPS72/YL1 and MEAF6. The NuA4 complex interacts with MYC and the adenovirus E1A protein. HTATTIP/TIP60, EPC1, and ING3 together constitute a minimal HAT complex termed Piccolo NuA4. Component of a SWR1-like complex. Similarity: The PHD-type zinc finger mediates the binding to H3K4me3. Belongs to the ING family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38201655
NCBI GeneID	54556
NCBI Accession #	NP_061944.2
NCBI GenBank Nucleotide #	NM_019071.2
UniProt Accession #	Q9NXR8; O60394; Q567P3; Q6GMT3; Q7Z762; Q969G0; Q96DT4; Q9HC99; Q9P081; A8K790
Molecular Weight	Observed: 47 kDa Predicted: 47 kDa
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

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-immunohistochemistry-western-blot-elisa/327397>