

Rat anti-Human ING5 Monoclonal Antibody | anti-ING5 antibody

ING5 antibody (mAb)(Clone 7A11)

CATALOG # AAA60093	HOST Rat	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation
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PRODUCT SYNONYMS

ING5; Monoclonal Antibody; ING5 antibody (mAb)(Clone 7A11); Inhibitor of growth protein 5; p28ING5; anti-ING5 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	7A11
Purity/Purification	Protein G Chromatography
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-ING5 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This antibody was raised against full length recombinant human ING5 (Inhibitor of growth protein 5) protein.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

ING5 antibody (mAb) tested by Western blot 20 ug of HEK293 whole cell extract was run on SDS-PAGE and probed with antibody at 0.5 ug/ml.



WB (Western Blot)

ING5 antibody (mAb) tested by immunoprecipitation. 5 ug of ING5 antibody (Lane 1) or an unrelated mouse IgG (Lane 2) was used to immunoprecipitate ING5 from 300 ug of HEK293 whole cell lysate. The immunoprecipitated protein was detected by Western blotting using a the same ING5 antibody at 2 ug/ml (crossreaction between heavy and light chains of the antibody is observed and is common).

ADDITIONAL INFORMATION

Related Product Information for anti-ING5 antibody	Short Description: Our ING5 antibody (mAb)(Clone 7A11) was raised in a Rat host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: ING5 (Inhibitor of Growth 5) possesses different structural and functional elements, including a PHD (plant homeodomain), an NCR (novel conserved region), a LZL (leucine zipper like) finger, and two NLS (nuclear localization sequence) motifs. ING proteins bind to methylated core histones through their PHD motif, notably ING5 reads histone H3 when di- or trimethylated at lysine 4 (H3K4me2/3). ING5 is a subunit of two distinct histone acetyltransferase (HAT) complexes with HBO1 or MOZ/MORF as the two catalytic subunits. These complexes contain two different alternative scaffolding proteins, i.e. a BRPF protein or a JADE protein, that determine their specificity towards different core histones. ING complexes appear to participate in transcription, for example by interacting with transcriptional regulators such as the tumor suppressor p53 and through the ability of ING5 to recognize H3K4me3, a mark associated with open chromatin and transcribed genes.
Product Categories/Family for anti-ING5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	30kDa
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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/monoclonal/ing5-antibody-clone-7a11-western-blot-immunoprecipitation-elisa/60093>