

Rabbit SLAIN1 Polyclonal Antibody | anti-SLAIN1 antibody

SLAIN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40039	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

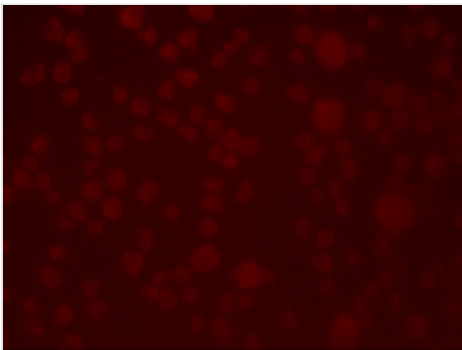
PRODUCT SYNONYMS

SLAIN1; Polyclonal Antibody; SLAIN1 Antibody; C13orf32; SLAIN motif-containing protein 1; SLAIN motif family; member 1; anti-SLAIN1 antibody

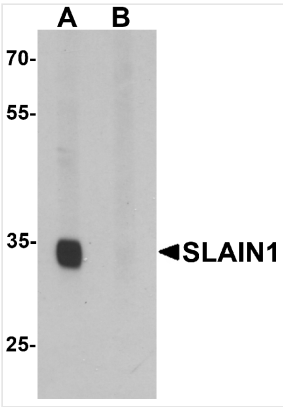
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of SLAIN1 are known to exist; this antibody will detect all three. SLAIN1 antibody is predicted not to cross-react with SLAIN2.
Purity/Purification	SLAIN1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	590
Applicable Applications for anti-SLAIN1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SLAIN1 antibody was raised against an 15 amino acid synthetic peptide near the carboxy terminus of human SLAIN1.
Buffer	SLAIN1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SLAIN1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SLAIN1 in A549 cells with SLAIN1 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of SLAIN1 in A549 cell lysate with SLAIN1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLAIN1 antibody	SLAIN1 Antibody: SLAIN1 is a novel stem cell protein that was identified by transcriptional profiling of mouse and human embryonic stem cells (ESCs) and is expressed at the stem cell and epiblast stages. Unlike its more widely expressed homolog SLAIN2, SLAIN1 was found to be expressed in the epiblast, nervous system, tailbud and somites of the developing mouse embryo later experiments suggested that SLAIN1 may play a role in the development of the nervous system as well as in the morphogenesis of several embryonic structures.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	338968860
NCBI GeneID	122060
NCBI Accession #	NP_002456
NCBI GenBank Nucleotide #	NM_001242868.1
UniProt Accession #	Q8ND83; Q5T6P4; Q5T6P7; Q8ND10; Q96NV0; A8K0Z9; B7Z209
Molecular Weight	47,321 Da
NCBI Official Full Name	SLAIN motif-containing protein 1 isoform C
NCBI Official Synonym Full Names	SLAIN motif family, member 1
NCBI Official Symbol	SLAIN1
NCBI Official Synonym Symbols	C13orf32
NCBI Protein Information	SLAIN motif-containing protein 1
UniProt Protein Name	SLAIN motif-containing protein 1
UniProt Gene Name	SLAIN1
UniProt Synonym Gene Names	C13orf32
UniProt Entry Name	SLAI1_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.