

Rabbit anti-Human SPINSTER Polyclonal Antibody | anti-SPNS1 antibody

SPINSTER Antibody

CATALOG # AAA40554	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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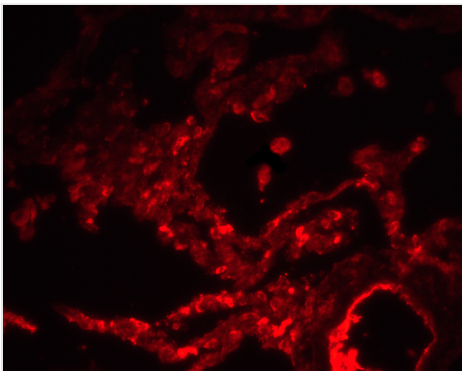
PRODUCT SYNONYMS

SPINSTER; Polyclonal Antibody; SPINSTER Antibody; LAT; nrs; SPIN1; SPINL; HSpin1; PP2030; PP20300; Protein spinster homolog 1; spinster homolog 1 (Drosophila); anti-SPNS1 antibody

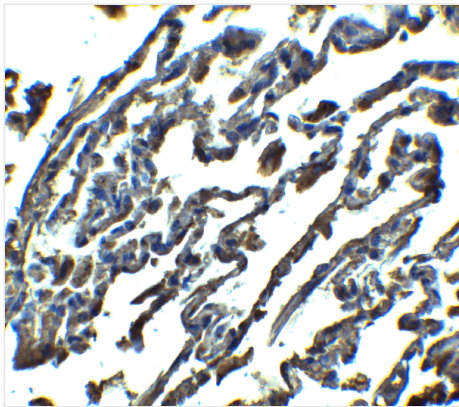
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SPINSTER antibody is human specific. At least four isoforms of SPINSTER are known to exist. This antibody is predicted to not cross-react with other members of the spinster family of proteins.
Purity/Purification	SPINSTER antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	454
Applicable Applications for anti-SPNS1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SPINSTER antibody was raised against an 18 amino acid peptide near the amino terminus of human SPINSTER.
Buffer	SPINSTER antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SPINSTER antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

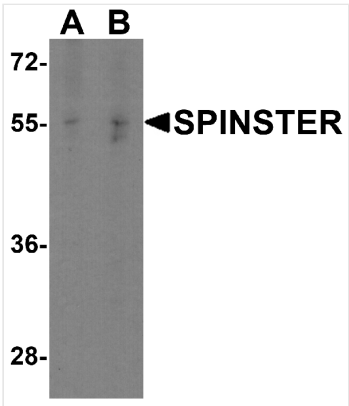
IMAGES



IF (Immunofluorescence)
Immunofluorescence of SPINSTER in human lung tissue with SPINSTER antibody at 2.5 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of SPINSTER in human lung tissue with SPINSTER antibody at 2.5 μ g/ml.



WB (Western Blot)
Western blot analysis of SPINSTER in HepG2 cell lysate with SPINSTER antibody at (A) 1 and (B) 2 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SPNS1 antibody

SPINSTER, also known as SPNS1 or SPIN1, is a 528 amino acid multi-pass membrane protein that localizes to the inner mitochondrial membrane and belongs to the spinster subfamily of the major facilitator superfamily (1). SPINSTER interacts with Bcl-x and Bcl-2 and, via this interaction, is thought to be involved in necrotic or autophagic cell death (2). The related protein SPNS2 is critical for the normal lymphocyte localization and mammalian immune system function (1,3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	215490098
NCBI GeneID	83985
NCBI Accession #	NP_001135920
NCBI GenBank Nucleotide #	NM_001142449.1
UniProt Accession #	Q9H2V7; Q6P182; Q71RB5; Q7L541; Q86VU7; Q8N953; Q8TCS5; Q9BRN5; B5MDM9
Molecular Weight	Predicted: 58 kDa Observed: 70 kDa
NCBI Official Full Name	protein spinster homolog 1 isoform 4
NCBI Official Synonym Full Names	spinster homolog 1 (Drosophila)

NCBI Official Symbol	SPNS1
NCBI Official Synonym Symbols	LAT; nrs; SPIN1; SPINL; HSpin1; PP2030
NCBI Protein Information	protein spinster homolog 1; spinster-like protein 1
UniProt Protein Name	Protein spinster homolog 1
UniProt Gene Name	SPNS1
UniProt Synonym Gene Names	SPIN1
UniProt Entry Name	SPNS1_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/spinster-antibody-western-blot-elisa/40554>