

Rabbit STAU1 Polyclonal Antibody | anti-STAU1 antibody

STAU1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198699	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

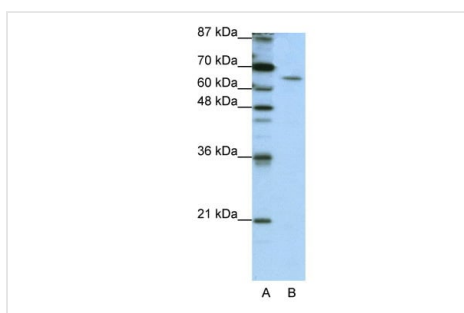
PRODUCT SYNONYMS

STAU1; Polyclonal Antibody; STAU1 antibody - N-terminal region; anti-STAU1 antibody

PRODUCT SPECIFICATIONS

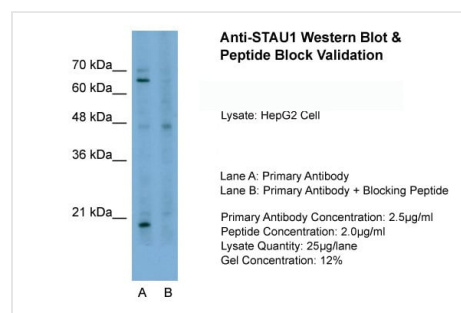
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LS VGGQQFNGKG KTRQAAKHDA AAKALRILQN EPLPERLEVN GRESEEEEN
Sequence Length	577
Applicable Applications for anti-STAU1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human STAU1
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



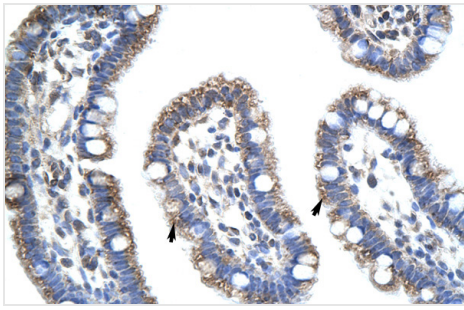
WB (Western Blot)

WB Suggested Anti-STAU1 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: STAU1
Sample Type: HepG2
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.5ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%
STAU1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



IHC (Immunohistochemistry)
 Rabbit Anti-STAU1 Antibody
 Paraffin Embedded Tissue: Human Intestine
 Cellular Data:
 Epithelial cells of intestinal villas
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-STAU1 antibody	This is a rabbit polyclonal antibody against STAU1. It was validated on Western Blot and immunohistochemistry Target Description: STAU1(Staufen) is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufen encoded by STAU, in addition contains a microtubule- binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. Staufen is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufen encoded by STAU, in addition contains a microtubule- binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. The STAU gene product has been shown to be present in the cytoplasm in association with the rough endoplasmic reticulum (RER), implicating this protein in the transport of mRNA via the microtubule network to the RER, the site of translation. Five transcript variants resulting from alternative splicing of STAU gene and encoding three isoforms have been described. Three of these variants encode the same isoform, however, differ in their 5'UTR.
Product Categories/Family for anti-STAU1 antibody	Polyclonal; RNA Binding Proteins; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	90185286
NCBI GeneID	6780
NCBI Accession #	NP_059347
NCBI GenBank Nucleotide #	NM_017453
UniProt Accession #	O95793
Molecular Weight	63kDa
NCBI Official Full Name	Double-stranded RNA-binding protein Staufen homolog 1
NCBI Official Synonym Full Names	staufen double-stranded RNA binding protein 1
NCBI Official Symbol	STAU1
NCBI Official Synonym Symbols	STAU; PPP1R150
NCBI Protein Information	double-stranded RNA-binding protein Staufen homolog 1
UniProt Protein Name	Double-stranded RNA-binding protein Staufen homolog 1
UniProt Gene Name	STAU1
UniProt Synonym Gene Names	STAU

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/stau1-antibody-western-blot-immunohistochemistry-elisa/198699>