

Rabbit STAU1 Polyclonal Antibody | anti-STAU1 antibody

STAU1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306254	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

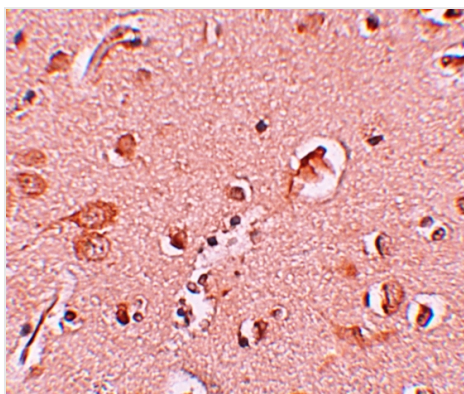
PRODUCT SYNONYMS

STAU1; Polyclonal Antibody; STAU1 Antibody; RNA-binding protein Staufen homolog 1; STAU; anti-STAU1 antibody

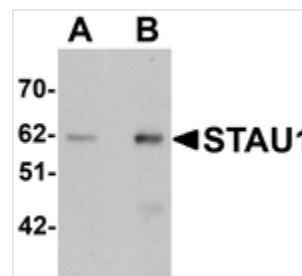
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	577
Applicable Applications for anti-STAU1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the carboxy terminus of human STAU1.
Target Name	STAU1
Preparation and Storage	Can be stored at -20 degree C, stable for 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


IHC (Immunohistochemistry)

Immunohistochemistry of STAU1 in human brain tissue with STAU1 antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of STAU1 in rat brain tissue lysate with STAU1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-STAU1 antibody	STAU1 is a member of a 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 STAU1 also contains a microtubule- binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. STAU1 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. STAU1 is also known to interact with influenza ribonucleoproteins NS1, NP, and PA and is required for efficient viral replication.
Product Categories/Family for anti-STAU1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	82659087
NCBI GeneID	6780
NCBI Accession #	NP_059347
NCBI GenBank Nucleotide #	NM_017453.2
Molecular Weight	55,635 Da
NCBI Official Full Name	double-stranded RNA-binding protein Staufen homolog 1 isoform b
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
UniProt Entry Name	STAU1_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/stau1-antibody-immunohistochemistry-western-blot-elisa/306254>