

Rabbit STAU1 Polyclonal Antibody | anti-STAU1 antibody

STAU1 Polyclonal Antibody

CATALOG # AAA37475	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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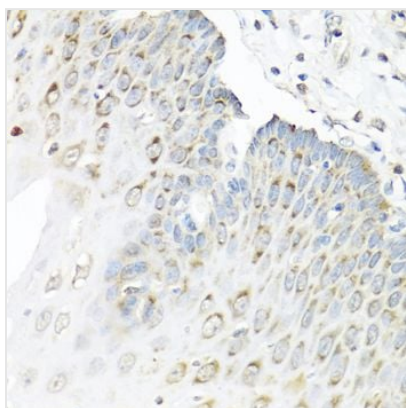
PRODUCT SYNONYMS

STAU1; Polyclonal Antibody; STAU1 Polyclonal Antibody; STAU; anti-STAU1 antibody

PRODUCT SPECIFICATIONS

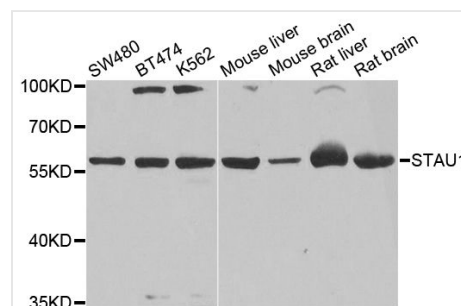
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	577
Applicable Applications for anti-STAU1 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human STAU1
Calculated Molecular Weight	63kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using STAU1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STAU1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-STAU1 antibody	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	90185286
NCBI GeneID	6780
UniProt Accession #	O95793; Q5JW29; Q6GTM4; Q9H5B4; Q9H5B5; Q9Y3Q2; A8K9Z4; E1P5Y1; E1P608
Molecular Weight	577
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; staufen, RNA binding protein, homolog 1; protein phosphatase 1, regulatory subunit 150
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-western-blot-elisa/37475>