

Rabbit anti-Human, Mouse Staufen1 Polyclonal Antibody | anti-STAU1 antibody

Rabbit anti-Staufen1 Antibody, Affinity Purified

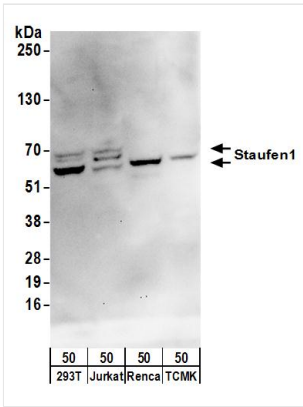
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212405	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Staufen1; Polyclonal Antibody; Rabbit anti-Staufen1 Antibody; Affinity Purified; staufen; RNA binding protein; homolog 1; PPP1R150; double-stranded RNA-binding protein Staufen homolog 1; STAU; protein phosphatase 1; regulatory subunit 150; Double-stranded RNA-binding protein Staufen homolog 1; staufen double-stranded RNA binding protein 1; anti-STAU1 antibody

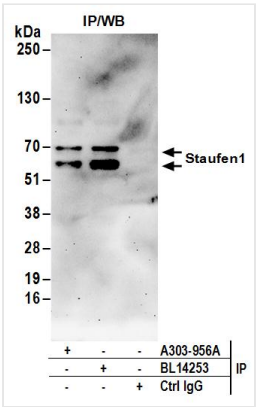
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-STAU1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Panda
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse Staufen1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, mouse Renca, and mouse TCMK-1 cells. Antibodies: Affinity purified rabbit anti-Staufen1 antibody AAA212405 (lot AAA212405-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of human Staufen1 by western blot. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-Staufen1 antibody AAA212405 (lot AAA212405-1) used for IP at 6 ug/mg lysate. Staufen1 was also immunoprecipitated by rabbit anti-Staufen1 antibody BL14253. For blotting immunoprecipitated Staufen1, AAA212405 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-STAU1 antibody	Staufen1 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. Staufen1 contains a microtubule-binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. Staufen1 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 [taken from NCBI Entrez Gene (Gene ID: 67803)].
Product Categories/Family for anti-STAU1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6780
UniProt Accession #	O95793
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/staufen1-antibody-immunoprecipitation-western-blot-elisa/212405>