

Datasheet for ABIN6991421

anti-STAU1/Staufen antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	STAU1/Staufen (STAU1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAU1/Staufen antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	STAU1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human STAU1. The immunogen is located within the last 50 amino acids of STAU1.
Isotype:	IgG
Purification:	STAU1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	STAU1/Staufen (STAU1)
Alternative Name:	STAU1 (STAU1 Products)
Background:	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

Target Details

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.

Gene ID:	6780
NCBI Accession:	NP_059347
UniProt:	O95793
Pathways:	Asymmetric Protein Localization

Application Details

Application Notes:	STAU1 antibody can be used for detection of STAU1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	STAU1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	STAU1 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.