

Datasheet for ABIN6148583

anti-Double-stranded RNA-binding protein Staufen homolog 2 (STAU2) (AA 300-400) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human STAU2 (NP_001157852.1).
Sequence:	PEYGQGMNPI SRLAIQQAK KEKEPDYVLL SERGMRRRE FVMQVKVGNV VATGTGPNKK IAKKNAEAM LLQLGYKAST NLQDQLEKTG ENKGWSGPKP G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
---------	---

Target Details

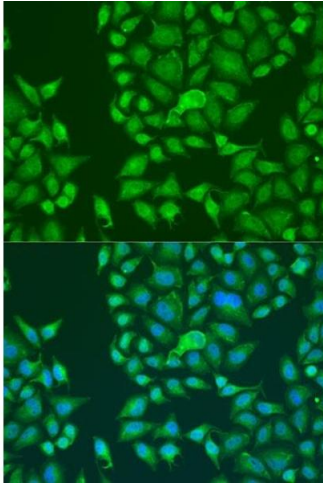
Alternative Name:	STAU2 (STAU2 Products)
Background:	<p>Staufen homolog 2 is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. Staufen homolog 2 shares 48.5 % and 59.9 % similarity with drosophila and human staufen, respectively. The exact function of Staufen homolog 2 is not known, but since it contains 3 copies of conserved dsRNA binding domain, it could be involved in double-stranded RNA binding events. Several transcript variants encoding different isoforms have been found for this gene.,STAU2,39K2,39K3,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology & Developmental Biology,Cell Adhesion,Microtubules,Neuroscience,STAU2</p>
Molecular Weight:	11 kDa/34 kDa/43 kDa/52 kDa/55 kDa/59 kDa/62 kDa
Gene ID:	27067
UniProt:	Q9NUL3

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

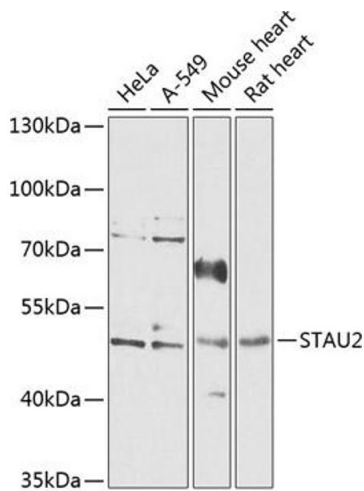
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using ST antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using ST antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.