

Datasheet for ABIN783741

anti-STAU1/Staufen antibody (C-Term)



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1 Image

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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	15 amino acid peptide near the carboxy terminus of human STAU1
Specificity:	This antibody detects STAU / STAU1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

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

Target Details

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. Synonyms: Double-stranded RNA-binding protein Staufen homolog 1, FLJ25010, staufen homolog 1

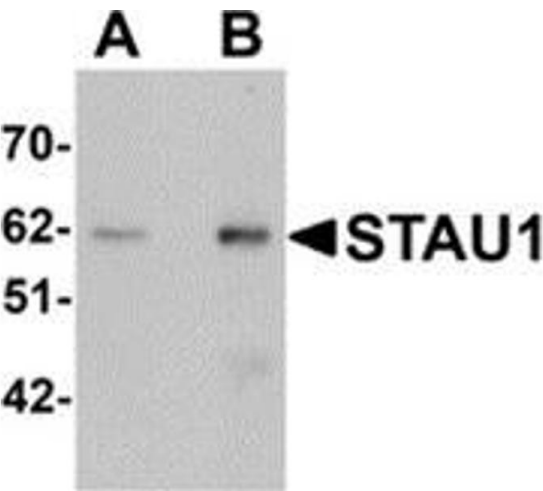
Gene ID:	6780
NCBI Accession:	NP_001032405
UniProt:	O95793
Pathways:	Asymmetric Protein Localization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

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