

Datasheet for ABIN6945068
anti-STAU1/Staufen antibody



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Overview

Quantity:	100 µL
Target:	STAU1/Staufen (STAU1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein within human Staufen aa 400-550
Clone:	8C8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	STAU1/Staufen (STAU1)
Alternative Name:	STAU1 (STAU1 Products)
Background:	Synonyms: Double-stranded RNA-binding protein Staufen homolog 1, PPP1R150, STAU1, STAU. Background: STAU1 (staufen, RNA binding protein, homolog 1) is a 577 amino acid protein that contains three double-stranded RNA-binding domains and is a mammalian homolog of Staufen, a Drosophila protein that is involved in mRNA transport during oogenesis and zygotic

Target Details

development. Localized to the rough endoplasmic reticulum (RER) and expressed in a variety of tissues, including heart, brain, liver, lung, pancreas, kidney and placenta, STAU1 binds to both Tubulin and double-stranded RNA and is thought to play an important role in mRNA transport from the microtubule network to the RER. Additionally, STAU1 may be involved in cross-linking cytoskeletal components with RNA, an event that is important for proper mRNA positioning during translation. Alternative splicing of the STAU1 gene yields two STAU1 isoforms, designated short and long.

Gene ID:	6780
UniProt:	O95793
Pathways:	Asymmetric Protein Localization

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	12 months