

For Research Use Only

STAU1 Monoclonal antibody, PBS Only

Catalog Number: 61024-1-PBS



Basic Information

Catalog Number: 61024-1-PBS	GenBank Accession Number: BC050432	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6780	CloneNo.: 1H1D7
Source: Mouse	UNIPROT ID: O95793	
Isotype: IgG1	Full Name: stau1, RNA binding protein, homolog 1 (Drosophila)	
Immunogen Catalog Number: AG5573	Calculated MW: 63 kDa	
	Observed MW: 55-65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, rabbit

Background Information

Staufen1 (STAU1)-mediated mRNA decay (SMD) degrades translationally active mRNAs that bind the double-stranded (ds)RNA binding protein STAU1 within their 3'-untranslated regions (3'UTRs) [PMID:21307942]. STAU1 can bind to stem structures and protect Dvl2 mRNA from degradation by associating with the secondary structure in the U1 region which is located at 5' position of second U stretch in the U2 region [PMID:17510634]. It has a role in specific positioning of mRNAs at given sites in the cell by cross-linking cytoskeletal and RNA components, and in stimulating their translation at the site.

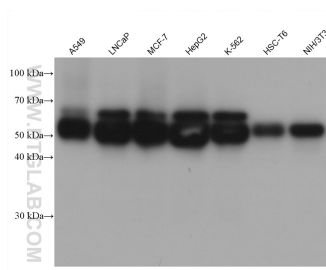
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

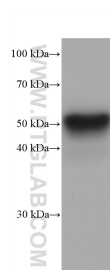
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 61024-1-Ig (STAU1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 61024-1-PBS in a different storage buffer formulation.



rabbit liver tissue were subjected to SDS PAGE followed by western blot with 61024-1-Ig (STAU1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 61024-1-PBS in a different storage buffer formulation.