

KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1880**Specification**

KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	O95793
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 63 kDa, observed, 63 kDa kDa
Gene Name	STAU1
Aliases	STAU1; Staufen Double-Stranded RNA Binding Protein 1; PPP1R150; STAU; Double-Stranded RNA-Binding Protein Staufen Homolog 1; Protein Phosphatase 1, Regulatory Subunit 150; Staufen, RNA Binding Protein, Homolog 1 (Drosophila); Staufen (Drosophila, RNA-Binding Protein); Staufen, RNA Binding Protein (Drosophila); Staufen, RNA Binding Protein, Homolog 1 A synthesized peptide derived from human Staufen
Immunogen	

KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	6780
Other Names	
Double-stranded RNA-binding protein Staufen homolog 1, STAU1, STAU	

KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody - Protein Information**Name** STAU1**Synonyms** STAU**Function**

Binds double-stranded RNA (regardless of the sequence) and tubulin. May play 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.

Cellular Location

Cytoplasm. Rough endoplasmic reticulum. Note=Localizes exclusively with the rough endoplasmic reticulum (RER)

Tissue Location

Widely expressed. Expressed in brain, pancreas, heart, skeletal muscles, liver, lung, kidney and

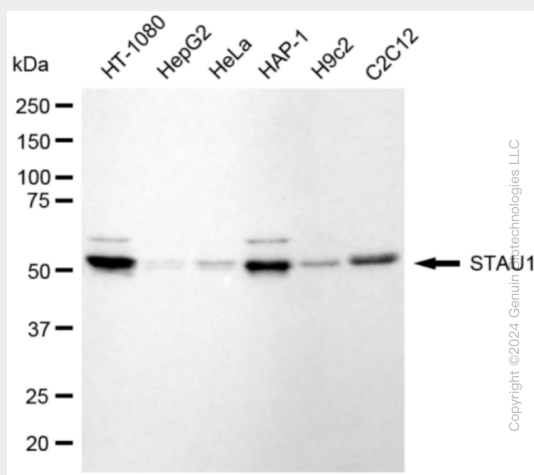
placenta

KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody - Protocols

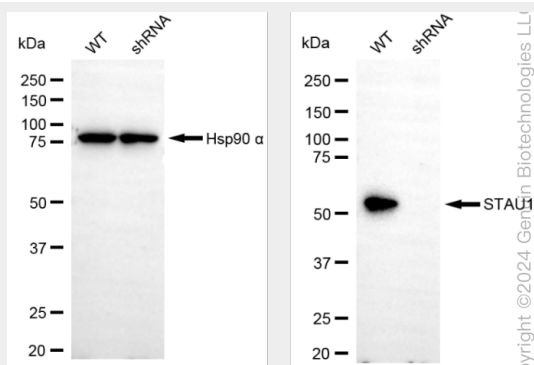
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

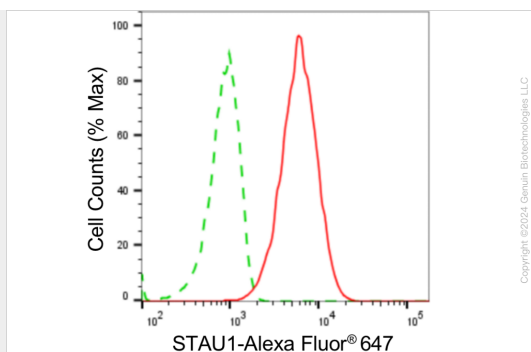
KD-Validated Anti-STAU1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-STAU1 antibody (Cat#AGI1880). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-STAU1 antibody (Cat#AGI1880, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-STAU1 antibody (Cat#AGI1880). STAU1 expression in wild type (WT) and STAU1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-STAU1 antibody (Cat#AGI1880, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of STAU1 expression in HT-1080 cells using anti-STAU1 antibody (Cat#AGI1880, 1:2,000). Green, isotype control; red, STAU1.