

Staufen Conjugated Antibody

Catalog No: #C49727



Package Size: #C49727-AF350 100ul #C49727-AF405 100ul #C49727-AF488 100ul
 #C49727-AF555 100ul #C49727-AF594 100ul #C49727-AF647 100ul
 #C49727-AF680 100ul #C49727-AF750 100ul #C49727-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Staufen Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Double stranded RNA binding protein Staufen homolog 1 antibody Double stranded RNA binding protein Staufen homolog antibody Double-stranded RNA-binding protein Staufen homolog 1 antibody FLJ25010 antibody MGC124588 antibody PPP1R150 antibody STAU antibody STAU1 antibody STAU1_HUMAN antibody staufen antibody Staufen RNA binding protein (Drosophila) antibody Staufen RNA binding protein homolog 1 antibody Staufen, Drosophila, homolog of, 1 antibody Staufen, RNA binding protein, homolog 1 (Drosophila) antibody staufen-like antibody
Accession No.	Swiss-Prot#:O95793
Uniprot	O95793
GeneID	6780;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	63 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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 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.

Note: This product is for in vitro research use only