

FKBP52 Conjugated Antibody

Catalog No: #C49958



Package Size: #C49958-AF350 100ul #C49958-AF405 100ul #C49958-AF488 100ul
 #C49958-AF555 100ul #C49958-AF594 100ul #C49958-AF647 100ul
 #C49958-AF680 100ul #C49958-AF750 100ul #C49958-Biotin 100ul

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Description

Product Name	FKBP52 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein within human FKBP52 aa 1-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	51 kDa FK506-binding protein antibody 52 kDa FK506 binding protein antibody 52 kDa FK506-binding protein antibody 52 kDa FKBP antibody 59 kDa immunophilin antibody FK506 binding protein 4 antibody FK506-binding protein 4 antibody FKBP 4 antibody FKBP 52 antibody FKBP 59 antibody FKBP-4 antibody FKBP-52 antibody FKBP4 antibody FKBP4_HUMAN antibody FKBP51 antibody FKBP52 protein antibody FKBP59 antibody HBI antibody Hsp 56 antibody HSP binding immunophilin antibody HSP-binding immunophilin antibody Hsp56 antibody Immunophilin FKBP52 antibody N-terminally processed antibody p52 antibody p59 antibody p59 protein antibody Peptidyl prolyl cis trans isomerase antibody Peptidyl-prolyl cis-trans isomerase FKBP4 antibody Peptidylprolyl cis trans isomerase antibody PPlase antibody PPlase FKBP4 antibody Rotamase antibody T cell FK506 binding protein 59kD antibody
Accession No.	Swiss-Prot#:Q02790
Uniprot	Q02790
GeneID	2288;
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	52 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

Immunophilin protein with PPIase and co-chaperone activities. Component of steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. May have a protective role against oxidative stress in mitochondria.

Note: This product is for in vitro research use only