

Anti-FKBP12 Rabbit Monoclonal Antibody

Catalog # ABO13872

Product Information

Application	WB, IF, ICC
Primary Accession	P62942
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-FKBP12 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

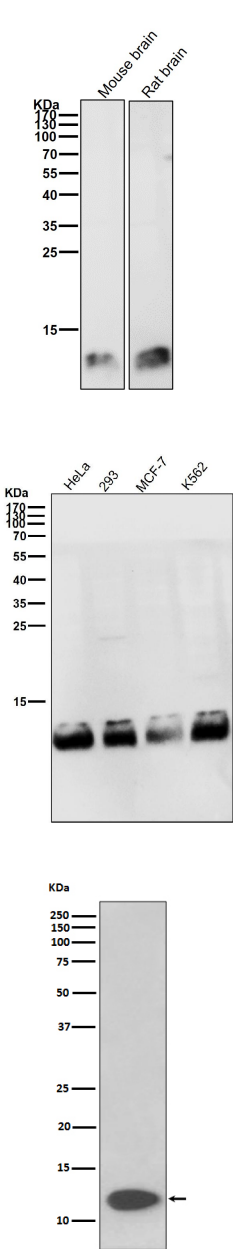
Gene ID	2280
Other Names	Peptidyl-prolyl cis-trans isomerase FKBP1A, PPIase FKBP1A, 5.2.1.8, 12 kDa FK506-binding protein, 12 kDa FKBP, FKBP-12, Calstabin-1, FK506-binding protein 1A, FKBP-1A, Immunophilin FKBP12, Rotamase, FKBP1A, FKBP1, FKBP12
Calculated MW	11951
Application Details	WB 1:1000-1:5000 ICC/IF 1:50-1:200
Subcellular Localization	Cytoplasm.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AAFH-6
Immunogen	A synthesized peptide derived from human FKBP12
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	FKBP1A
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Synonyms	FKBP1, FKBP12
Function	Keeps in an inactive conformation TGFBR1, the TGF-beta type I serine/threonine kinase receptor, preventing TGF-beta receptor activation in absence of ligand. Recruits SMAD7 to ACVR1B which prevents the association of SMAD2 and SMAD3 with the activin receptor complex, thereby blocking the activin signal. May modulate the RYR1 calcium channel activity. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Cellular Location	Cytoplasm, cytosol. Sarcoplasmic reticulum membrane {ECO:0000250 UniProtKB:P62943}; Peripheral membrane protein {ECO:0000250 UniProtKB:P62943}; Cytoplasmic side {ECO:0000250 UniProtKB:P62943}

Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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Western blot analysis of FKBP12 expression in SH-SY5Y cell lysate.