FKBP7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FKBP7, Polyclonal Antibody
Full Product Name	FKBP7 Conjugated Antibody
Product Gene Name	anti-FKBP7 antibody
Product Synonym Names	FKBP23; PPIase
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total FKBP7 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	14,562 Da
OMIM	607062
3D Structure	ModBase 3D Structure for Q9Y680
Immunogen	Fusion protein of human FKBP7
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-FKBP7 antibody	Most Applications
Application Notes for anti-FKBP7 antibody	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: 1:50-1:1000
Related Product Information for anti-FKBP7 antibody	The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. Members of this family exhibit PPIase activity and function as molecular chaperones. A similar protein in mouse is located in the endoplasmic reticulum and binds calcium.
Other Notes	Small volumes of anti-FKBP7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FKBP7 purchase	MBS9451667 is an antibody targeting FKBP7. Also known as FKBP7 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FKBP7. It may not necessarily be applicable to this product.

NCBI GI #	16307243
NCBI GeneID	51661
NCBI Accession #	BC009711
UniProt Primary Accession #	Q9Y680
UniProt Secondary Accession #	Q4ZG70; Q6V3B2; Q86U65; Q96DA4; Q9Y6B0
UniProt Related Accession #	Q9Y680
NCBI Official Full Name	Homo sapiens FK506 binding protein 7, mRNA
NCBI Official Synonym Full Names	FK506 binding protein 7
NCBI Official Symbol	FKBP7
NCBI Official Synonym Symbols	FKBP23; PPIase
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP7
UniProt Synonym Protein Names	23 kDa FK506-binding protein; 23 kDa FKBP; FKBP-23; FK506-binding protein 7; FKBP-7; Rotamase
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	FKBP7
UniProt Synonym Gene Names	FKBP23
UniProt Entry Name	FKBP7_HUMAN
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP7
Research Articles on FKBP7	**1.** observed changes in activity of six rER-resident PPIases, cyclophilin B (encoded by the PPIB gene), FKBP13 (FKBP2), FKBP19 (FKBP11), FKBP22 (FKBP14), FKBP23 (FKBP7), and FKBP65 (FKBP10), due to posttranslational modifications of proline residues in the substrate.
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