

Rabbit anti-Human FKBP14 Polyclonal Antibody | anti-FKBP14 antibody

Anti-FKBP14 Antibody, Rabbit Polyclonal

CATALOG # AAA258526	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

FKBP14; Polyclonal Antibody; Anti-FKBP14 Antibody; Rabbit Polyclonal; FKBP14 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-EDSKMH Antibody; Anti-FKBP22 Antibody; Anti-IPBP12 Antibody; FK506 binding protein 14; 22 kDa; anti-FKBP14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FKBP14
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FKBP14 antibody	IHC (Immunohistochemistry)
Conjugation	Unconjugated
Immunogen	Recombinant Human FKBP14 Protein;
Preparation	Produced in rabbits immunized with purified, recombinant Human FKBP14 (rh FKBP14;Q9NWM8; Met1-Lys207). FKBP14 specific IgG was purified by Human FKBP14 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human FKBP14 in human brain with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human FKBP14 in human pancreas with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP14 antibody	FKBP14 belongs to the FK506-binding protein family. It contains 2 EF-hand domains and one PPIase FKBP-type domain. FKBP14 can be detected in the lumen of the endoplasmic reticulum where it is thought to accelerate the folding of proteins during protein synthesis. Truncation of the amino-terminus of FKBP14 significantly decreases peptidyl prolyl cis-trans isomerase activity, therefore implicating that the PPIase FKBP-type domain must be located at the N-terminus. Defects in FKBP14 can cause Ehlers-Danlos syndrome with progressive kyphoscoliosis, myopathy, and hearing loss. A syndrome with features of Ehlers-Danlos syndrome types VIA and VIB on the one hand, and the collagen VI-related congenital myopathies Ullrich congenital muscular dystrophy and Bethlem myopathy on the other hand.
References	Baker K, et al. (2003) The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. Genome Res. 13:2265-70.Ota T, et al. (2004) Complete sequencing and characterization of 21,243 full-length human cDNAs. Nat Genet. 36:40-5.The MGC Project Team. (2004) The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Genome Res. 14:2121-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23821568
NCBI GeneID	55033
UniProt Accession #	Q9NWM8
Molecular Weight	24,172 Da
NCBI Official Full Name	Peptidyl-prolyl cis-trans isomerase FKBP14
NCBI Official Synonym Full Names	FK506 binding protein 14, 22 kDa
NCBI Official Symbol	FKBP14
NCBI Official Synonym Symbols	EDSKMH; FKBP22; IPBP12
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP14; FKBP-22; rotamase; 22 kDa FKBP; PPIase FKBP14; FK506-binding protein 14; 22 kDa FK506-binding protein
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP14
UniProt Gene Name	FKBP14
UniProt Synonym Gene Names	FKBP22; PPIase FKBP14; 22 kDa FKBP; FKBP-22; FKBP-14
UniProt Entry Name	FKB14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fkbp14-antibody-immunohistochemistry-elisa/258526>