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FKBP11 Rabbit pAb

Catalog # AP99263

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9NYL4
Other Accession	Q9NYL4
Predicted	Rat, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22180
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FKBP11
Epitope Specificity	121-201/201
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the FKBP-type PPIase family. Contains 1 PPIase FKBP-type domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The immunophilins are a highly conserved family of cis-trans peptidyl-prolyl isomerases that bind to and mediate the effects of immunosuppressive drugs, such as cyclosporin, FK506 and rapamycin. Immunophilins have also been implicated in protein folding and trafficking within the endoplasmic reticulum (ER). FKBP11 (FK506-binding protein 11), also known as FKBP19 or peptidyl-prolyl cis-trans isomerase FKBP11, is a 201 amino acid single-pass membrane protein belonging to the FKBP-type PPIase family, a group of proteins known to catalyze the folding of proline-containing polypeptides. Containing one PPIase FKBP-type domain, FKBP11 is expressed in secretory tissues such as pancreas, pituitary, stomach, lymph node and salivary gland, and is encoded by a gene that maps to human chromosome 12q13.12. FK506 and rapamycin are known to inhibit FKBP11's peptidyl-prolyl isomerase activity.

Additional Information

Gene ID	51303
Other Names	FKBP19; 1110002O23Rik; FKBP-11; FKB11_HUMAN; FKBP11; PPIase FKBP11; 19 kDa FK506-binding protein (19 kDa FKBP | FKBP-19); FK506-binding protein 11 (FKBP-11); Rotamase; 5.2.1.8; FKB11_MOUSE; FKBP prolyl isomerase 11; FK506 binding protein 11 (19 kDa); FK506 binding protein 11, 19 kDa; FK506 binding protein 11
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FKBP11
Synonyms	FKBP19
Function	PPIases accelerate the folding of proteins during protein synthesis.
Cellular Location	Membrane; Single-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.