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Datasheet for ABIN1697240

anti-FKBP11 antibody (AA 121-201) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	FKBP11
Binding Specificity:	AA 121-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP11 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FKBP11
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FKBP11
Alternative Name:	FKBP11 (FKBP11 Products)
Background:	Synonyms: 19 kDa FK506 binding protein, 19 kDa FK506-binding protein, 19 kDa FKBP, FK506

Target Details

binding protein 11 19 kDa, FK506 binding protein 11, FK506-binding protein 11, FKB11_HUMAN, FKBP 19, FKBP-11, FKBP-19, Fkbp11, FKBP19, MGC54182, Peptidyl prolyl cis trans isomerase, Peptidyl-prolyl cis-trans isomerase FKBP11, PPlase, PPlase FKBP11, Rotamase.

Background: 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 PPlase family, a group of proteins known to catalyze the folding of proline-containing polypeptides. Containing one PPlase 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.

Gene ID: 51303

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months