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FKBP10 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7383b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96AY3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19280
Calculated MW	64245
Antigen Region	552-580

Additional Information

Gene ID	60681
Other Names	Peptidyl-prolyl cis-trans isomerase FKBP10, PPIase FKBP10, 65 kDa FK506-binding protein, 65 kDa FKBP, FKBP-65, FK506-binding protein 10, FKBP-10, Immunophilin FKBP65, Rotamase, FKBP10, FKBP65
Target/Specificity	This FKBP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 552-580 amino acids from the C-terminal region of human FKBP10.
Dilution	WB~~1:1000 IHC-P~~1:100 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FKBP10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FKBP10
Synonyms	FKBP65

Function	PPIases accelerate the folding of proteins during protein synthesis.
Cellular Location	Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

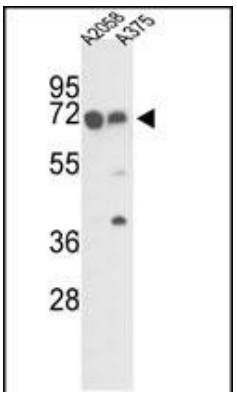
Background

The protein belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase family. It is located in endoplasmic reticulum and acts as molecular chaperones.

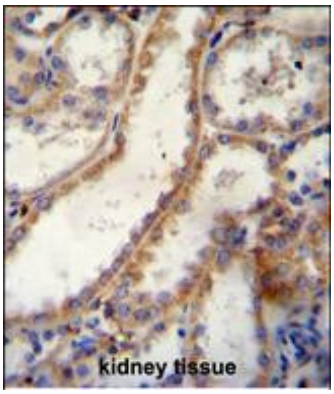
References

Ishikawa,Y., J. Biol. Chem. 283 (46), 31584-31590 (2008)
Foster,L.J., J. Proteome Res. 5 (1), 64-75 (2006)
Zhang,H., Nat. Biotechnol. 21 (6), 660-666 (2003)

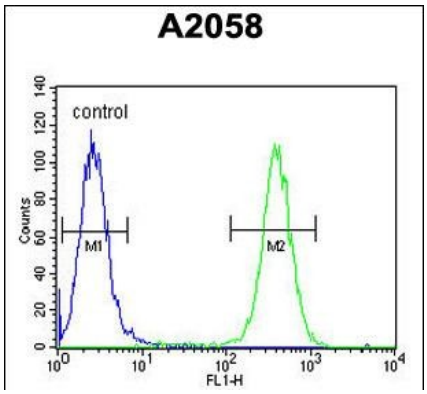
Images



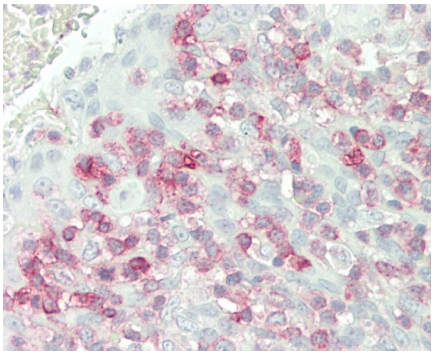
Western blot analysis of FKBP10 Antibody (C-term) (Cat.# AP7383b) in A2058 and A375 cell line lysates (35ug/lane). FKBP10 (arrow) was detected using the purified Pab.



FKBP10 Antibody (C-term) (Cat. #AP7383B)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FKBP10 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FKBP10 Antibody (C-term) (Cat. #AP7383b) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Formalin-fixed and paraffin-embedded H.tonsil tissue reacted with FKBP10 Antibody (C-term) (Cat#AP7383b).

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