10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FKBP10 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7383a

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	RB19279
Calculated MW	64245
Antigen Region	57-87

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 57-87 amino acids of human FKBP10.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
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 (N-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}

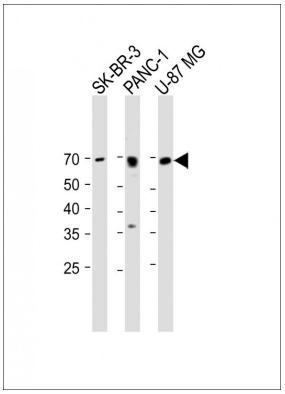
Background

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

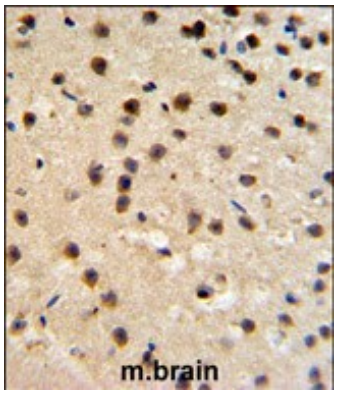
References

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)

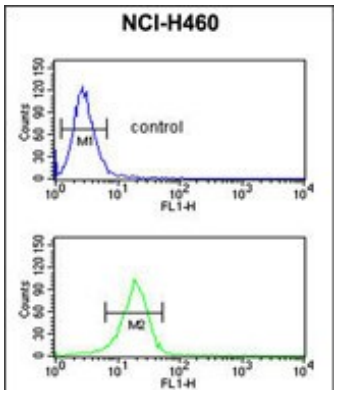
Images



All lanes: Anti-FKBP10 Antibody (N-term) at 1:1000 dilution Lane 1: SK-BR-3 cell lysate Lane 2: PANC-1 cell lysate Lane 3: U-87 MG cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 70 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



FKBP10 Antibody (N-term) (Cat. #AP7383a) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FKBP10 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



YAP1 Antibody (C-term) (Cat. #AP6564b) flow cytometric analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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