

FKBP14 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6572a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9NWM8
Other Accession	P59024
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19304
Calculated MW	24172
Antigen Region	37-68

Additional Information

Gene ID	55033
Other Names	Peptidyl-prolyl cis-trans isomerase FKBP14, PPIase FKBP14, 22 kDa FK506-binding protein, 22 kDa FKBP, FKBP-22, FK506-binding protein 14, FKBP-14, Rotamase, FKBP14, FKBP22
Target/Specificity	This FKBP14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-68 amino acids from the N-terminal region of human FKBP14.
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 0.09% (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	FKBP14 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FKBP14
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Synonyms

FKBP22

Function

PPIase which accelerates the folding of proteins during protein synthesis. Has a preference for substrates containing 4- hydroxylproline modifications, including type III collagen. May also target type VI and type X collagens.

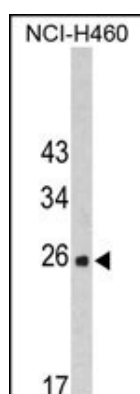
Cellular Location

Endoplasmic reticulum lumen {ECO:0000255 | PROSITE- ProRule:PRU10138, ECO:0000269 | PubMed:22265013}

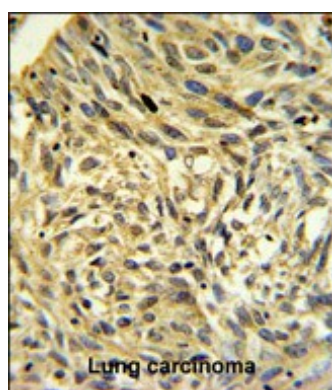
Background

PPIases accelerate the folding of proteins during protein synthesis.

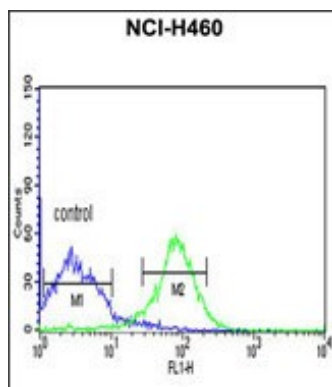
Images



Western blot analysis of FKBP14 Antibody (N-term) (Cat. #AP6572a) in NCI-H460 cell line lysates (35ug/lane). FKBP14 (arrow) was detected using the purified Pab.



FKBP14 Antibody (N-term) (Cat. #AP6572a) IHC analysis in formalin fixed and paraffin embedded human Lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FKBP14 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FKBP14 Antibody (N-term) (Cat. #AP6572a) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left 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'.