

For Research Use Only

# FKBP14 Polyclonal antibody

Catalog Number: 15884-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 15884-1-AP	<b>GenBank Accession Number:</b> BC005206	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55033	<b>Recommended Dilutions:</b> WB 1:500-1:2400
<b>Source:</b> Rabbit	<b>Full Name:</b> FK506 binding protein 14, 22 kDa	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 211 aa, 24 kDa	
<b>Immunogen Catalog Number:</b> AG8668	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> WB,ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells, human brain tissue
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

FKBP14, also named as FKBP22, belongs to the family of FK506-binding peptidyl-prolyl cis-trans isomerases (PPIases). PPIases accelerate the folding of proteins during protein synthesis. FKBP14 is localized in the endoplasmic reticulum (ER) and that deficiency of FKBP14 leads to enlarged ER cisterns in dermal fibroblasts in vivo. FKBP14 is about 22kd.

## Notable Publications

Author	Pubmed ID	Journal	Application
Birute Burnyte	36054293	Hum Mutat	IF
Yoshihiro Ishikawa	31949249	Sci Rep	WB,IF
Baumann Matthias M	22265013	Am J Hum Genet	WB,IF

## Storage

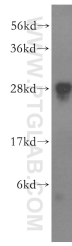
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 15884-1-AP (FKBP14 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.