

For Research Use Only

FKBP5 Polyclonal antibody

Catalog Number: 14155-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number: 14155-1-AP	GenBank Accession Number: BC042605	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2289	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	Full Name: FK506 binding protein 5	
Isotype: IgG	Calculated MW: 457 aa, 51 kDa	
Immunogen Catalog Number: AG5337	Observed MW: 51 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : K-562 cells, HEK-293 cells, mouse thymus tissue IP : K-562 cells, IHC : human colon cancer tissue,
Cited Applications: CoIP, IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

FKBP5 (Peptidyl-prolyl cis-trans isomerase FKBP5) interacts with functionally mature heterooligomeric progesterone receptor complexes along with HSP90 and TEBP. Unlike the predominant T-cell expression of the mouse protein, FKBP5 is expressed as a 51-kD protein in a variety of tissues but not in brain, colon, or lung (PMID: 9125197).

Notable Publications

Author	Pubmed ID	Journal	Application
Jin Yang	31540304	Cells	WB, IF
Kun Huang	30476519	Brain Res Bull	WB
Kento Wada	34713710	J Am Heart Assoc	IF

Storage

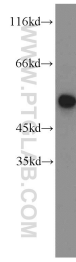
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

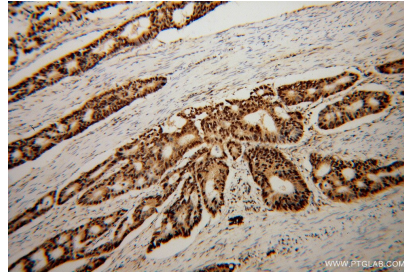
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

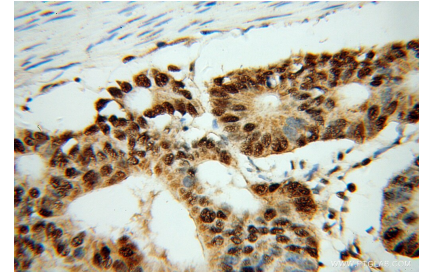
Selected Validation Data



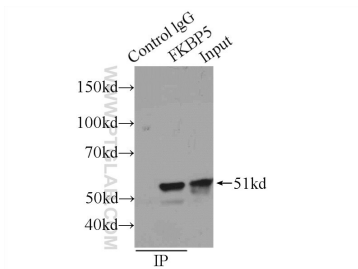
K-562 cells were subjected to SDS PAGE followed by western blot with 14155-1-AP (FKBP5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 14155-1-AP (FKBP5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 14155-1-AP (FKBP5 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-FKBP5 (IP:14155-1-AP, 3ug; Detection:14155-1-AP 1:1000) with K-562 cells lysate 1500ug.