

For Research Use Only

FKBPL Polyclonal antibody

Catalog Number: 10060-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

10060-1-AP

Size:

150ul , Concentration: 500 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0112

GenBank Accession Number:

BC004168

GeneID (NCBI):

63943

Full Name:

FK506 binding protein like

Calculated MW:

349 aa, 38 kDa

Observed MW:

42-48 kDa, 38-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

ChIP, IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : MCF-7 cells, T-47D cells, HEK-293 cells, human testis tissue, HeLa cells, MDA-MB-453s cells, human brain tissue, Jurkat cells

IP : MCF-7 cells,

IHC : human testis tissue, human breast cancer tissue

Background Information

FKBPL, also named as DIR1, NG7 and WISp39, has similarity to the immunophilin protein family, which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBPL levels may be a prognostic indicator and determinant of response to endocrine therapy (PMID:20103631, 15664193). It can be detected the band between 38 Kda and 48 Kda by western blot.

Notable Publications

Author	Pubmed ID	Journal	Application
Rachel Bennett	26419658	Nanomedicine (Lond)	WB, IHC
Eoghan J Mulholland	31676385	J Control Release	WB
Laura Nelson	25906750	Oncotarget	WB, IHC

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

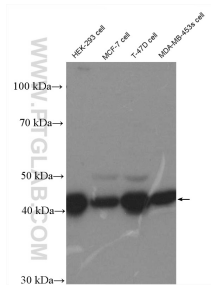
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

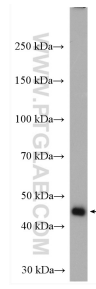
E: proteintech@ptglab.com
W: ptglab.com

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

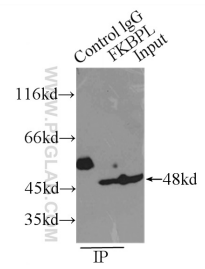
Selected Validation Data



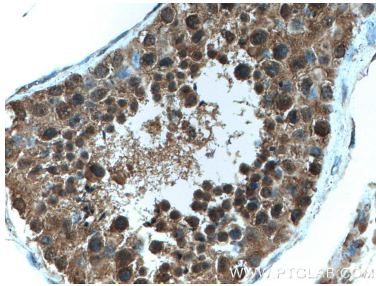
Various lysates were subjected to SDS PAGE followed by western blot with 10060-1-AP (FKBPL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



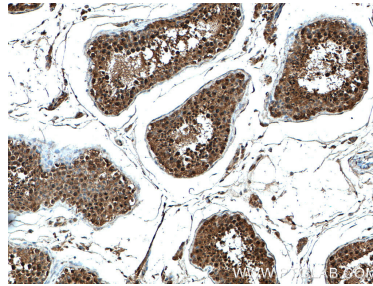
MCF-7 cells were subjected to SDS PAGE followed by western blot with 10060-1-AP (FKBPL antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP Result of anti-FKBPL (IP:10060-1-AP, 3ug; Detection:10060-1-AP 1:800) with MCF-7 cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10060-1-AP (FKBPL antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10060-1-AP (FKBPL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).