

For Research Use Only

EIF1 Polyclonal antibody

Catalog Number: 15276-1-AP

3 Publications



Basic Information

Catalog Number:

15276-1-AP

Size:

150ul, Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7394

GenBank Accession Number:

BC005118

GeneID (NCBI):

10209

Full Name:

eukaryotic translation initiation factor 1

Calculated MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human

Cited Species:

human, monkey

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: Jurkat cells, HeLa cells

IP: Jurkat cells,

IHC: human prostate cancer tissue,

Background Information

It is a necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA. Molecular weight is 13kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Ranen Aviner	38335237	PLoS Pathog	WB
Huan Feng	37662947	Front Immunol	IHC
Ranen Aviner	37461541	bioRxiv	WB

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

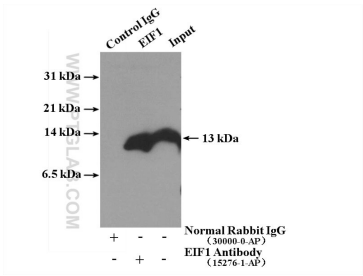
For technical support and original validation data for this product please contact:

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

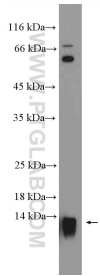
E: proteintech@ptglab.com
W: ptglab.com

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

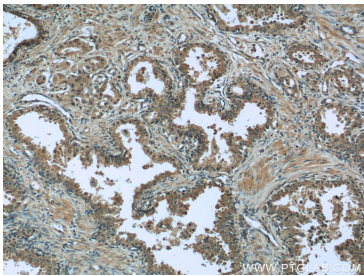
Selected Validation Data



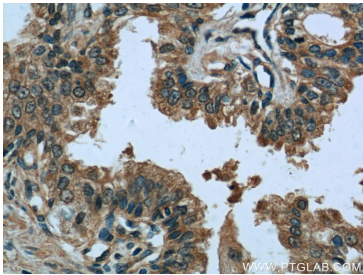
IP result of anti-EIF1 (IP:15276-1-AP, 4ug; Detection:15276-1-AP 1:600) with Jurkat cells lysate 3440 ug.



Jurkat cells were subjected to SDS PAGE followed by western blot with 15276-1-AP (EIF1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15276-1-AP (EIF1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15276-1-AP (EIF1 Antibody) at dilution of 1:50 (under 40x lens).