

For Research Use Only

EIF4H Polyclonal antibody

Catalog Number: 11012-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

11012-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1468

GenBank Accession Number:

BC010021

GeneID (NCBI):

7458

UNIPROT ID:

Q15056

Full Name:

eukaryotic translation initiation factor 4H

Calculated MW:

27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, PC-3 cells

Background Information

eukaryotic initiation factor (eIF)4H, which encoded by the gene for HUMORFU_1, functions to stimulate the initiation of protein synthesis at the level of mRNA utilization. And its homolog in human, WBSCR1, located on 7q11, is commonly missed in patients suffered the Williams-Beuren syndrome, which is a complex neurodevelopmental disorder characterized by cardiovascular defects, cerebral dysplasias and a peculiar cognitive-behavioral profile. EIF4H has two kind of isoforms. The short isoform (~25kDa) is the predominant isoform and is expressed alone in liver and skeletal muscle. This is a rabbit anti-EIF4H polyclonal antibody raised against part of N-terminal chain of human EIF4H, and can recognize two kinds of isoform.

Notable Publications

Author	Pubmed ID	Journal	Application
Sarma Nandini N	18448541	J Virol	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

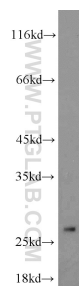
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 11012-1-AP (EIF4H antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.