

For Research Use Only

# EIF4H Polyclonal antibody

Catalog Number: 11012-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 11012-1-AP	<b>GenBank Accession Number:</b> BC010021	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7458	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> eukaryotic translation initiation factor 4H	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 27 kDa	
<b>Immunogen Catalog Number:</b> AG1468	<b>Observed MW:</b> 27 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, PC-3 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## 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

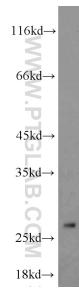
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
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



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.