

For Research Use Only

EIF3H Polyclonal antibody

Catalog Number: 11310-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 11310-1-AP	GenBank Accession Number: BC000386	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8667	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: eukaryotic translation initiation factor 3, subunit H	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG1850	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, NIH/3T3 cells, PC-12 cells
Cited Applications: IF, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

Eukaryotic translation initiation factor eIF3, that plays a central role in translation initiation, consists of five core subunits that are present in both the budding yeast and higher eukaryotes. The EIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAⁱ and eIF-5 to form the 43S preinitiation complex. The complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. It is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. EIF3H is a component of the EIF3 complex. [PMID:19204574,20503360]

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanpei Li	36289222	Nat Commun	WB
Genhua Yu	30022709	Biosci Biotechnol Biochem	WB
Mengqi Chu	33509274	Stem Cell Res Ther	WB

Storage

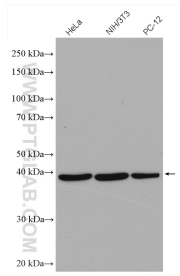
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 11310-1-AP (EIF3H antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.