

For Research Use Only

EIF1AY Polyclonal antibody

Catalog Number: 11193-1-AP

Featured Product



Basic Information

Catalog Number: 11193-1-AP	GenBank Accession Number: BC005248	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9086	Recommended Dilutions: WB 1:500-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: eukaryotic translation initiation factor 1A, Y-linked	
Isotype: IgG	Calculated MW: 16 kDa	
Immunogen Catalog Number: AG1680	Observed MW: 16-20 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : MCF7 cells, MCF-7 cells, HEK-293 cells
Species Specificity: human	IF : MCF-7 cells,

Background Information

EIF1AY is 1 of 5 NRY genes that are expressed in many tissues and have homologs on the X chromosome, which is an essential translation initiation factor. EIF1AY seems to be required for maximal rate of protein biosynthesis, and enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits. This is a rabbit polyclonal antibody raised against the full length of human EIF1AY, and can recognize both EIF1AY and EIF1AX.

Storage

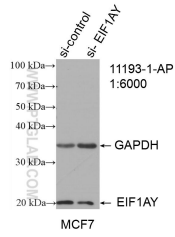
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

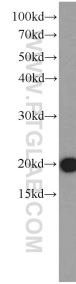
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

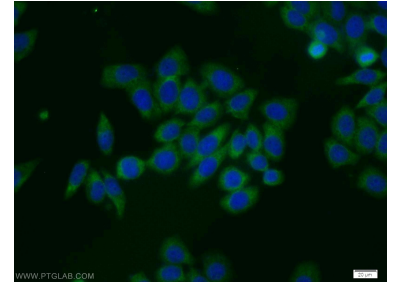
Selected Validation Data



WB result of EIF1AY antibody (11193-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EIF1AY transfected MCF-7 cells.



MCF7 cells were subjected to SDS PAGE followed by western blot with 11193-1-AP (EIF1AY antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MCF-7 cells using 11193-1-AP (EIF1AY antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).