

For Research Use Only

# EIF2AK4 Polyclonal antibody

Catalog Number: 27944-1-AP



## Basic Information

Catalog Number:

27944-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27617

GenBank Accession Number:

BC009350

GeneID (NCBI):

440275

UNIPROT ID:

Q9P2K8

Full Name:

eukaryotic translation initiation  
factor 2 alpha kinase 4

Calculated MW:

187 kDa

Observed MW:

~200 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

**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 : HepG2 cells, TT cells

IHC : human small intestine tissue,

## Background Information

### 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

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

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

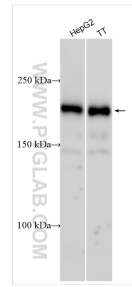
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 27944-1-AP (EIF2AK4 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 27944-1-AP (EIF2AK4 antibody) at dilution of 1:100 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 27944-1-AP (EIF2AK4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.