

For Research Use Only

# EIF2B4 Polyclonal antibody

Catalog Number: 11332-1-AP

Featured Product

9 Publications



## Basic Information

**Catalog Number:**

11332-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1875

**GenBank Accession Number:**

BC001870

**GeneID (NCBI):**

8890

**UNIPROT ID:**

Q9UI10

**Full Name:**

eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa

**Calculated MW:**

523 aa, 58 kDa

**Observed MW:**

58 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, IHC, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**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 : MCF-7 cells, K-562 cells, HeLa cells, HL-60 cells, mouse skeletal muscle tissue

IHC : human breast cancer tissue, human testis tissue

IF : MCF-7 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yusuke Sekine	27812215	PLoS One	WB
Michael Schoof	33688831	Elife	WB
Noel C Wortham	26614765	Biochem J	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

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

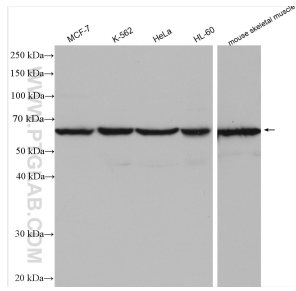
T: 4006900926

E: Proteintech-CN@ptglab.com

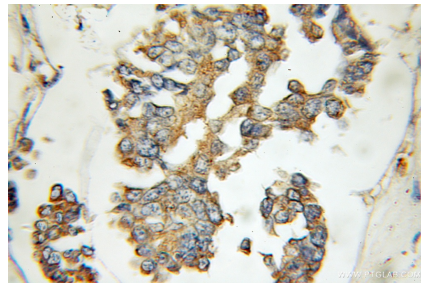
W: ptgcn.com

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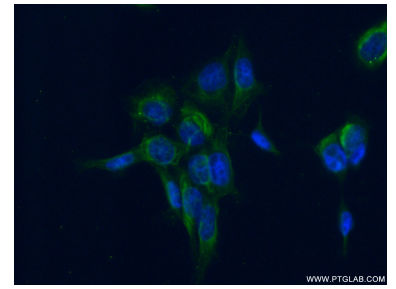
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11332-1-AP (EIF2B4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11332-1-AP (EIF2B4 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 11332-1-AP (EIF2B4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).