For Research Use Only

EEF1B2
Polyclonal ANTIBODY
Catalog Number: 10483-1-AP

Basic Information
Catalog Number: 10483-1-AP
Size: 32 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: A00742

GenBank Accession Number: BC004691
GeneID (NCBI): 1933
Full Name: eukaryotic translation elongation factor 1 beta 2
Calculated MW: 29 kDa
Observed MW: 34 kDa

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:20-1:200

Applications
Tested Applications: IHC, WB, ELISA
Cited Applications: IF, IP, WB
Species Specificity: human, mouse, rat
Cited Species: human, mouse, rat

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Background Information
In eukaryotes, the translation elongation factor eEF1A responsible for transporting amino-acylated tRNA to the ribosome forms a higher-order complex, eEF1H, with its guanine-nucleotide-exchange factor eEF1B. eEF1B consists of three subunits: eEF1B alpha, eEF1B beta and eEF1B gamma. The eEF1B2 possesses the nucleotide-exchange activity. Although several models on the basis of in vitro experiments have been proposed for the macromolecular organization of the eEF1H complex, these models differ in various aspects. The human eukaryote elongation factor 1 beta 2 (eEF1B2) migrated as a 30 kDa protein in SDS-PAGE. This antibody is a rabbit polyclonal antibody raised against full length EEF1B2 of human origin.

Notable Publications

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<tr>
<td>Yusuke Terui</td>
<td>25425115</td>
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<td>Pitteri Sharon J SJ</td>
<td>19932596</td>
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<td>Feng Zhu</td>
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Storage
Store at -20ºC. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20ºC storage.

For technical support and original validation data for this product please contact 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.
PC-3 cells were subjected to SDS PAGE followed by western blot with 10483-1-AP (EEF1B2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human pancreas cancer using 10483-1-AP (EEF1B2 antibody) at dilution of 1:100 (under 25x lens)