Nur für Forschungszwecke

EEF1B2 Polyklonaler Antikörper

Katalog-Nr.:10095-2-AP Vorgestelltes Produkt 5 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
10095-2-AP

Größe:
150ul , Konzentration: 300 μg/ml von Nanodrop und 180 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG0135

GenBank-Zugangsnummer:
BC000211

GeneID (NCBI):
1933

Vollständiger Name:
eukaryotic translation elongation factor 1 beta 2

Berechneté Masse:
25 kDa

Beobachteté Masse:
30-34 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:2000-1:10000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, RIP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : PC-3-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, SKOV-3-Zellen

IP : Jurkat-Zellen,

IHC : humanes Pankreaskarzinomgewebe,

IF : MCF-7-Zellen,

Hintergrundinformationen

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 possess 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 30-34 kDa protein in SDS-PAGE. This antibody is a rabbit polyclonal antibody raised against residues near the N terminus of human EEF1B2.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ji-Hang Yuan	28553938	Nat Cell Biol	RIP
Shuhei Sammaibashi	30008712	Front Microbiol	WB
Yuan Cao	25436608	PLoS One	WB, IHC, IF

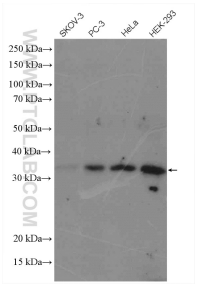
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

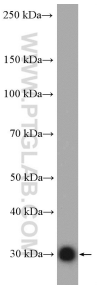
*** 20ul-Größen enthalten 0.1% BSA

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

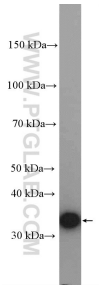
Ausgewählte Validierungsdaten



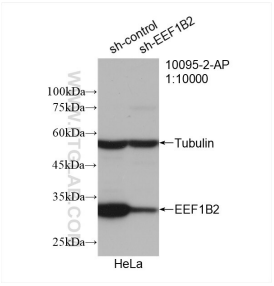
Various lysates were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



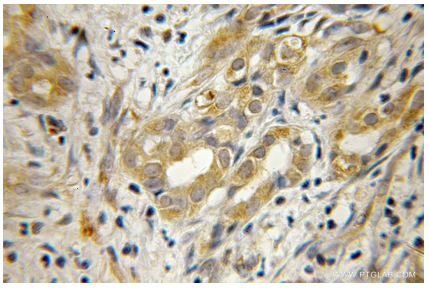
PC-3 cells were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



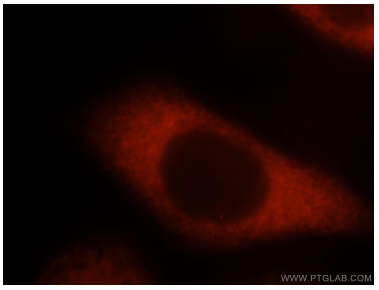
HeLa cells were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



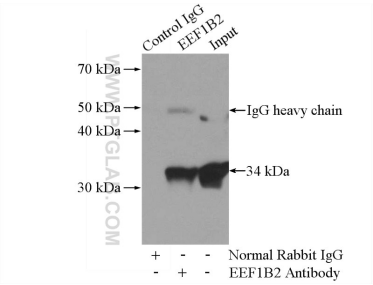
WB result of EEF1B2 antibody (10095-2-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EEF1B2 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 10095-2-AP (EEF1B2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of MCF-7 cells, using 10095-2-AP and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-EEF1B2 (IP:10095-2-AP, 4ug; Detection:10095-2-AP 1:500) with Jurkat cells lysate 2400ug.