

EEF1B2 Polyclonal Antibody

Catalog number: 10095-2-AP

Size: 27 µg/150 µl

Source: Rabbit

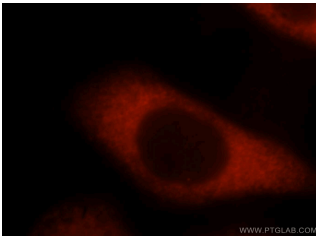
Isotype: IgG

Synonyms:

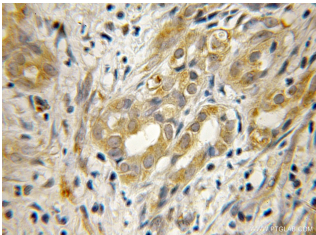
EEF1B2; EEF1B, EEF1B1,

EEF1B2, EF 1 beta, EF1B,

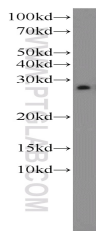
Elongation factor 1 beta



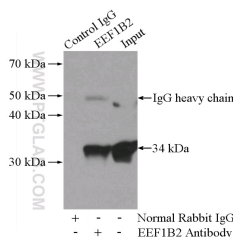
Immunofluorescent analysis of MCF-7 cells, using 10095-2-AP and Rhodamine-labeled goat anti-rabbit IgG (red).



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



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 10095-2-AP (EEF1B2 antibody) at dilution of 1:1000



IP Result of anti-EEF1B2

Background

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

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	IF, IHC, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated EEF1B2 MW:	25 kDa
Observed EEF1B2 MW:	24-30 kDa, 34 kDa
Positive WB detected in	SKOV-3 cells, HEK-293 cells, HeLa cells, Jurkat cells, PC-3 cells, RAW 264.7 cells
Positive IP detected in	Jurkat cells
Positive IHC detected in	Human pancreas cancer tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0135
GenBank accession number:	BC000211
Gene ID (NCBI):	1933
Full name:	Eukaryotic translation elongation factor 1 beta 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

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