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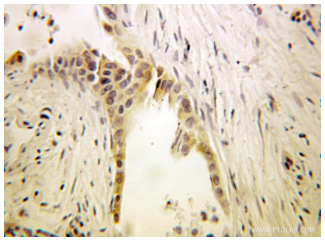
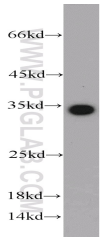
EEF1B2 Polyclonal Antibody

Catalog number: 10483-1-AP
Size: 32 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
EEF1B2; EEF1B, EEF1B1, EEF1B2, EF 1 beta, EF1B, Elongation factor 1 beta



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



PC-3 cells were subjected to SDS PAGE followed by western blot with 10483-1-AP(EEF1B2 antibody) at dilution of 1:1000

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 full length EEF1B2 of human origin.

Applications

Tested applications:	**ELISA, WB, IHC**
Cited applications:	**IF, IP, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human, mouse, rat**
Caculated EEF1B2 MW:	**29 kDa**
Observed EEF1B2 MW:	**34kd**
Positive WB detected in	**PC-3 cells, HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, mouse kidney tissue, SKOV-3 cells**
Positive IHC detected in	**Human pancreas cancer tissue**
Recommended dilution:	**WB: 1:500-1:5000**
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	**Ag0742**
GenBank accession number:	**BC004931**
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.**