

EEF1D Polyclonal Antibody

Catalog number: 10630-1-AP

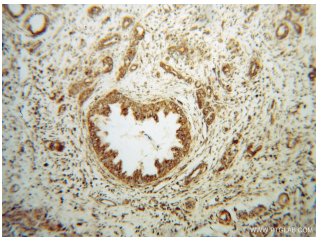
Size: 43 µg/150 µl

Source: Rabbit

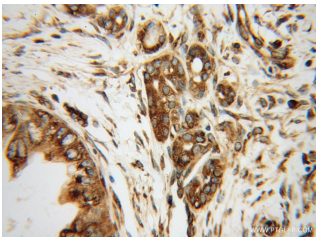
Isotype: IgG

Synonyms:

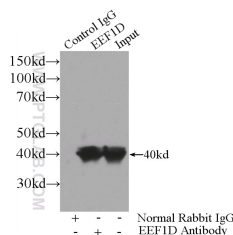
EEF1D; Antigen NY CO 4,
EEF1D, EF 1 delta, EF 1D, EF1D,
Elongation factor 1 delta,
FLJ20897, FP1047



Immunohistochemical of paraffin-embedded human pancreas cancer using 10630-1-AP (EEF1D antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human pancreas cancer using 10630-1-AP (EEF1D antibody) at dilution of 1:100 (under 40x lens)



IP Result of anti-EEF1D (IP:10630-1-AP, 3µg; Detection:10630-1-AP 1:300) with HeLa cells lysate 1200ug.

Background

EEF1D, also named as EF1D and EF 1 delta, belongs to the EF-1-beta/EF-1-delta family. It is a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP. EEF1D is phosphorylated upon DNA damage, probably by ATM or ATR. The calculated molecular weight of EEF1D is a 31 kDa, but the modified protein is about 40 kDa. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human EEF1D.

Applications

Tested applications:	ELISA, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated EEF1D MW:	71 kDa
Observed EEF1D MW:	40 kDa
Positive IP detected in	HeLa cells
Positive IHC detected in	Human pancreas cancer tissue, human prostate cancer tissue
Recommended dilution:	IP: 1:200-1:1000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag0983
GenBank accession number:	BC007847
Gene ID (NCBI):	1936
Full name:	Eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)

Product information

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