

Product datasheet for **TA375723**

EEF1D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human EEF1D (NP_001123529.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	28kDa/29kDa/31kDa/71kDa
Gene Name:	eukaryotic translation elongation factor 1 delta
Database Link:	Entrez Gene 1936 Human P29692



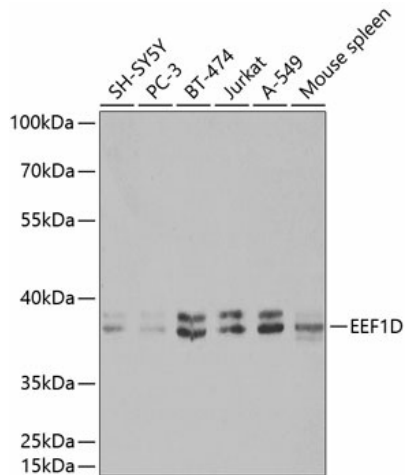
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Background:

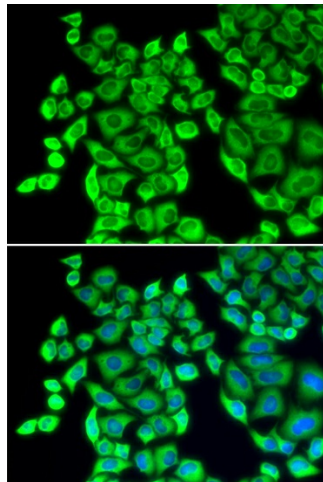
This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit, delta, functions as guanine nucleotide exchange factor. It is reported that following HIV-1 infection, this subunit interacts with HIV-1 Tat. This interaction results in repression of translation of host cell proteins and enhanced translation of viral proteins. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. Related pseudogenes have been defined on chromosomes 1, 6, 7, 9, 11, 13, 17, 19.

Synonyms:

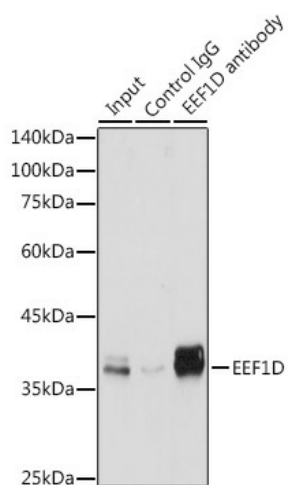
EF-1-delta; EF-1D; EF1D; FLJ20897; FP1047

Product images:


Western blot analysis of extracts of various cell lines, using EEF1D antibody (TA375723) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using EEF1D antibody (TA375723). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug EEF1D antibody (TA375723). Western blot was performed from the immunoprecipitate using EEF1D antibody (TA375723) at a dilution of 1:500.