

## EEF1D

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**31kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human EEF1D

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

EF1D; EF-1D; FP1047;

**Catalog #:**A2509

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1936

**Isotype:**IgG

**Swiss Prot:**P29692

**Purity:**Affinity purification

For research use only.

**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.

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