

**EEF1D Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6523a****Specification**

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**EEF1D Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P29692](#)**EEF1D Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1936**Other Names**

Elongation factor 1-delta, EF-1-delta, Antigen NY-CO-4, EEF1D, EF1D

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6523a](/products/AP6523a) was selected from the N-term region of human EEF1D. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EEF1D Antibody (N-term) Blocking Peptide - Protein Information****Name** EEF1D**Synonyms** EF1D**Function**

[Isoform 1]: EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP, regenerating EF-1-alpha for another round of transfer of aminoacyl-tRNAs to the ribosome.

**Cellular Location**

[Isoform 2]: Nucleus

**Tissue Location**

Isoform 2 is specifically expressed in brain, cerebellum and testis

## **EEF1D Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **EEF1D Antibody (N-term) Blocking Peptide - Images**

## **EEF1D Antibody (N-term) Blocking Peptide - Background**

EEF1D is a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit functions as guanine nucleotide exchange factor. It is reported that this subunit interacts with HIV-1 Tat, and thus it represses the translation of host-cell, but not HIV-1, mRNAs.

## **EEF1D Antibody (N-term) Blocking Peptide - References**

Yang,S., BMC Cancer 7, 211 (2007)Mulner-Lorillon,O., J. Biol. Chem. 269 (31), 20201-20207 (1994)