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EEF1D Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6523c

Specification

EEF1D Antibody (Center) Blocking Peptide - Product Information

Primary Accession P29692

EEF1D Antibody (Center) 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 AP6523c was selected from the Center 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 (Center) 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

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EEF1D Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

EEF1D Antibody (Center) Blocking Peptide - Images

EEF1D Antibody (Center) 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 (Center) Blocking Peptide - References

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