10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EEF1D Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6523a

Specification

EEF1D Antibody (N-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P29692
Other Accession	Q68FR9, P57776, Q4R3D4
Reactivity	**Human**
Predicted	**Monkey, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**31122**
Antigen Region	**1-30**

EEF1D Antibody (N-term) - Additional Information

Gene ID 1936

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

Target/Specificity
This EEF1D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human EEF1D.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EEF1D Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EEF1D Antibody (N-term) - 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

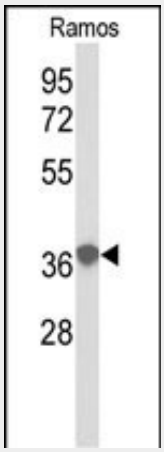
Tissue Location
Isoform 2 is specifically expressed in brain, cerebellum and testis

EEF1D Antibody (N-term) - Protocols

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

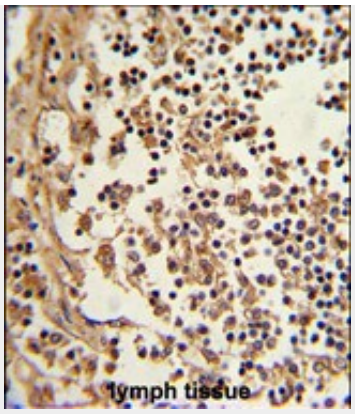
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EEF1D Antibody (N-term) - Images

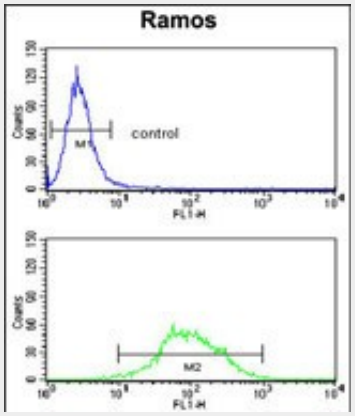


Western blot analysis of EEF1D antibody (N-term) (Cat.# AP6523a) in Ramos cell line lysates (35ug/lane). EEF1D (arrow) was detected using the purified Pab.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



Formalin-fixed and paraffin-embedded human lymph reacted with EEF1D Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



EEF1D Antibody (N-term) (Cat. #AP6523a) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

EEF1D Antibody (N-term) - 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) - References

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