NEF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NEF, Polyclonal Antibody
Full Product Name	Rabbit anti-Human immunodeficiency virus type 1 group M subtype D (isolate Z2/CDC-Z34)(HIV-1) NEF Polyclonal Antibody
Product Gene Name	anti-NEF antibody
Product Synonym Names	NEF Antibody; Protein Nef; 3'ORF; Negative factor; F-protein; [Cleaved into: C-terminal core protein]; Fragment; nef
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human immunodeficiency virus type 1 group M subtype D (isolate Z2/CDC-Z34)(HIV-1)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	10,592 Da
3D Structure	ModBase 3D Structure for P12478
Immunogen	Recombinant Human immunodeficiency virus type 1 group M subtype D (isolate Z2/CDC-Z34) (HIV-1) nef protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NEF antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NEF antibody	MBS7151700 is an antibody targeting NEF. Also known as Rabbit anti-Human immunodeficiency virus type 1 group M subtype D (isolate Z2/CDC-Z34)(HIV-1) NEF Polyclonal Antibody. Reactive in Human immunodeficiency virus type 1 group M subtype D (isolate Z2/CDC-Z34)(HIV-1). Host: Rabbit.
Other Notes	Small volumes of anti-NEF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NEF. It may not necessarily be applicable to this product.

NCBI GI #	128020
NCBI Accession #	P12478.3
UniProt Primary Accession #	P12478
NCBI Official Full Name	Protein Nef

UniProt Protein Name	Protein Nef
UniProt Synonym Protein Names	3'ORF; Negative factor; F-protein
Protein Family	Protein
UniProt Gene Name	nef
UniProt Synonym Gene Names	F-protein
UniProt Comments for NEF	Factor of infectivity and pathogenicity, required for optimal virus replication. Alters numerous pathways of T-lymphocytes function and down-regulates immunity surface molecules in order to evade host defense and increase viral infectivity. Alters the functionality of other immunity cells, like dendritic cells, monocytes/macrophages and NK cells. One of the earliest and most abundantly expressed viral proteins ().
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