ENV Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENV, Polyclonal Antibody
Full Product Name	Rabbit anti-Human immunodeficiency virus type 1 group M subtype B (isolate OYI)(HIV-1) ENV Polyclonal Antibody
Product Gene Name	anti-ENV antibody
Product Synonym Names	ENV Antibody; Envelope glycoprotein gp160; Env polyprotein; [Cleaved into: Surface protein gp120; SU; Glycoprotein 120; gp120; Transmembrane protein gp41; TM; Glycoprotein 41; gp41)] env
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human immunodeficiency virus type 1 group M subtype B (isolate OYI)(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	97,476 Da
3D Structure	ModBase 3D Structure for P20888
Immunogen	Recombinant Human immunodeficiency virus type 1 group M subtype B (isolate OYI) (HIV-1) env protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ENV antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ENV antibody	MBS7152985 is an antibody targeting ENV. Also known as Rabbit anti-Human immunodeficiency virus type 1 group M subtype B (isolate OYI)(HIV-1) ENV Polyclonal Antibody. Reactive in Human immunodeficiency virus type 1 group M subtype B (isolate OYI)(HIV-1). Host: Rabbit.
Other Notes	Small volumes of anti-ENV 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 ENV. It may not necessarily be applicable to this product.

NCBI GI #	119446
NCBI Accession #	P20888.1
UniProt Primary Accession #	P20888
NCBI Official Full Name	Envelope glycoprotein gp160

UniProt Protein Name	Envelope glycoprotein gp160
UniProt Synonym Protein Names	Glycoprotein 41
Protein Family	Envelope glycoprotein
UniProt Gene Name	env
UniProt Synonym Gene Names	SU; gp120; TM; gp41
UniProt Comments for ENV	Envelope glycoprotein gp160: Oligomerizes in the host endoplasmic reticulum into predominantly trimers. In a second time, gp160 transits in the host Golgi, where glycosylation is completed. The precursor is then proteolytically cleaved in the trans-Golgi and thereby activated by cellular furin or furin-like proteases to produce gp120 and gp41.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/env/7152985