ENK11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENK11, Polyclonal Antibody
Full Product Name	ENK11 Rabbit Polyclonal Antibody
Product Gene Name	anti-ENK11 antibody
Product Synonym Names	BH6842; HERV-K_22q11.21 provirus ancestral Env polyprotein (Envelope polyprotein)(HERV-K101 envelope protein) [Cleaved into: Surface protein (SU); Transmembrane protein (TM)]
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of human ENK11
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	66,585 Da
3D Structure	ModBase 3D Structure for P61566
Immunogen	Synthesized peptide derived from human ENK11
Modification	Unmodified/Total
Applications Tested/Suitable for anti-ENK11 antibody	Western Blot (WB)
Application Notes for anti-ENK11 antibody	WB: 1:1000-2000
Related Product Information for anti-ENK11 antibody	MBS9512982 is an antibody targeting ENK11. Also known as ENK11 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-ENK11 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 ENK11. It may not necessarily be applicable to this product.

NCBI GI #	47605617
NCBI GeneID	0
NCBI Accession #	P61566.1
UniProt Primary Accession #	P61566
NCBI Official Full Name	HERV-K_22q11.21 provirus ancestral Env polyprotein

UniProt Protein Name	HERV-K_22q11.21 provirus ancestral Env polyprotein
UniProt Synonym Protein Names	Envelope polyprotein; HERV-K101 envelope protein
UniProt Gene Name	SU
UniProt Synonym Gene Names	TM
UniProt Entry Name	ENK11_HUMAN
UniProt Comments for ENK11	HERV-K101: Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. Belongs to the beta type-B retroviral envelope protein family. HERV class-II K(HML-2) env subfamily. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 7p22.1 Cellular Component: cytoplasm; nucleolus; integral to membrane; plasma membrane; viral envelope; viral capsid Molecular Function: DNA binding; nucleic acid binding; zinc ion binding; RNA binding; DNA-directed DNA polymerase activity; RNA-directed DNA polymerase activity; ribonuclease H activity; aspartic-type endopeptidase activity; structural molecule activity Biological Process: mRNA transport; viral reproduction; RNA-dependent DNA replication; DNA integration; proteolysis; DNA recombination; dUTP metabolic process
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