

Rabbit anti-Human ERVK-7 Polyclonal Antibody | anti-ERVK-7 antibody

ERVK-7 Antibody (C-Term)

CATALOG # AAA290627	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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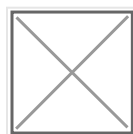
PRODUCT SYNONYMS

ERVK-7; Polyclonal Antibody; ERVK-7 Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Endogenous retrovirus group K member 7 Env polyprotein; Envelope polyprotein; HERV-K(III) envelope protein; HERV-K102 envelope protein; HERV-K_1q22 provirus ancestral Env polyprotein; Surface protein; SU; Transmembrane protein; TM; anti-ERVK-7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This ERVK-7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 457-491 amino acids from human ERVK-7.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	588
Applicable Applications for anti-ERVK-7 antibody	ELISA, WB (Western Blot)
Function	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. TM anchors the envelope heterodimer to the viral membrane through one transmembrane domain. The other hydrophobic domain, called fusion peptide, mediates fusion of the viral membrane with the target cell membrane (By similarity).
Cellular Location	Virion.
Tissue Location	Expressed in lung, placenta, testis and peripheral blood lymphocytes.
Antigen Region	457-491
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-ERVK-7 Antibody (C-Term) at 1:2000 dilution + human placenta lysate/Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 67 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ERVK-7 antibody	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. TM anchors the envelope heterodimer to the viral membrane through one transmembrane domain. The other hydrophobic domain, called fusion peptide, mediates fusion of the viral membrane with the target cell membrane (By similarity).
Product Categories/Family for anti-ERVK-7 antibody	Cell biology; Microbiology
References	Barbulescu M.,et al.Curr. Biol. 9:861-868(1999). Sugimoto J.,et al.Genomics 72:137-144(2001). Wang-Johanning F.,et al.Oncogene 22:1528-1535(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605618
UniProt Accession #	P61567; Q902F9; O42043; O71037; P61565; P61566; Q69384; Q902F8; Q9UKH3; P63135
Molecular Weight	66649
NCBI Official Full Name	Endogenous retrovirus group K member 7 Env polyprotein
UniProt Protein Name	Endogenous retrovirus group K member 7 Env polyprotein
UniProt Gene Name	ERVK-7
UniProt Synonym Gene Names	SU; TM
UniProt Entry Name	ENK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ervk-7-antibody-western-blot-elisa/290627>