

ERVK-7 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22000b**Specification**

ERVK-7 Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	P61567
Other Accession	Q902F9 , Q42043 , Q71037 , P61565 , P61566 , Q69384 , Q902F8 , Q9UKH3 , P63135
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	66649
Antigen Region	457-491

ERVK-7 Antibody (C-Term) - Additional Information**Other Names**

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, ERVK-7

Target/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.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

ERVK-7 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ERVK-7 Antibody (C-Term) - Protein Information

Name ERVK-7

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

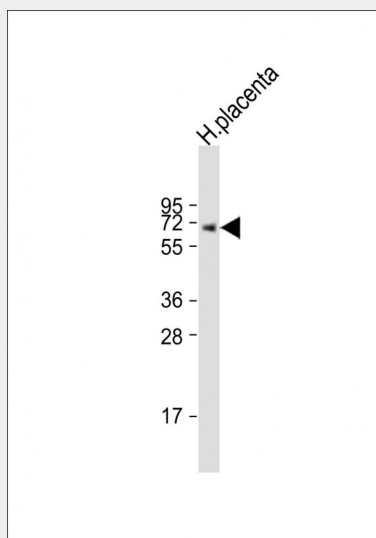
Expressed in lung, placenta, testis and peripheral blood lymphocytes.

ERVK-7 Antibody (C-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 Cytometry](#)
- [Cell Culture](#)

ERVK-7 Antibody (C-Term) - Images



Anti-ERVK-7 Antibody (C-Term) at 1:2000 dilution + human placenta lysate Lysates/proteins at 20 µg 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.

ERVK-7 Antibody (C-Term) - Background

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).

ERVK-7 Antibody (C-Term) - 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).