

ERVK-21 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22081c**Specification**

ERVK-21 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P61565
Other Accession	Q902F9 , Q42043 , Q71037 , P61566 , P61570 , Q9HDB8 , Q69384 , P61567 , Q902F8 , Q9UKH3 , P63135
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	79236
Antigen Region	271-302

ERVK-21 Antibody (Center) - Additional Information**Other Names**

Endogenous retrovirus group K member 21 Env polyprotein, EnvK1 protein, Envelope polyprotein, HERV-K_12q14.1 provirus ancestral Env polyprotein, Surface protein, SU, Transmembrane protein, TM, ERVK-21

Target/Specificity

This ERVK-21 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 271-302 amino acids from the Central region of human ERVK-21.

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-21 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ERVK-21 Antibody (Center) - Protein Information

Name ERVK-21

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. This endogenous envelope protein has lost its original fusogenic properties.

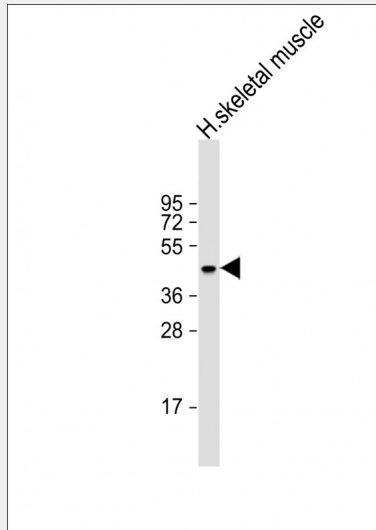
Cellular Location

[Transmembrane protein]: Cell membrane; Single-pass type I membrane protein [Endogenous retrovirus group K member 21 Env polyprotein]: Virion

ERVK-21 Antibody (Center) - 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-21 Antibody (Center) - Images

Anti-ERVK-21 Antibody (Center) at 1:2000 dilution + human skeletal muscle lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated
at 1/10000 dilution. Predicted band size : 79 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ERVK-21 Antibody (Center) - 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. This endogenous envelope protein has lost its original fusogenic properties.

ERVK-21 Antibody (Center) - References

Scherer S.E.,et al.Nature 440:346-351(2006).
de Parseval N.,et al.J. Virol. 77:10414-10422(2003).
Blaise S.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:13013-13018(2003).
Wang-Johanning F.,et al.Oncogene 22:1528-1535(2003).