10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ERVK-9 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21916b

Product Information

Application	WB, E
Primary Accession	Q9UKH3
Other Accession	Q902F9, O71037, P61565, P61566, Q69384, P61567, Q902F8, P63135
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54388
Calculated MW	79016

Additional Information

Other Names	Endogenous retrovirus group K member 9 Env polyprotein, EnvK4 protein, Envelope polyprotein, HERV-K(C6) envelope protein, HERV-K109 envelope protein, HERV-K_6q14.1 provirus ancestral Env polyprotein, Surface protein, SU, Transmembrane protein, TM, ERVK-9
Target/Specificity	This ERVK-9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 636-669 amino acids from human ERVK-9.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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-9 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ERVK-9
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 9 Env polyprotein]: Virion

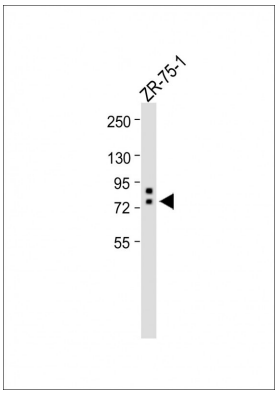
Background

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.

References

Barbulescu M.,et al.Curr. Biol. 9:861-868(1999).
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).

Images



Anti-ERVK-9 Antibody (C-Term) at dilution + ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 79kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.