

Rabbit ERVK-9 Polyclonal Antibody | anti-ERVK-9 antibody

ERVK-9 Antibody (C-Term)

CATALOG # AAA290620	HOST Rabbit	REACTIVITY HumanPredicted: Human	APPLICATIONS ELISA, Western Blot
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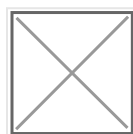
PRODUCT SYNONYMS

ERVK-9; Polyclonal Antibody; ERVK-9 Antibody (C-Term); Endogenous retrovirus group K member 9 Env polyprotein; EnvK4 protein; Envelope polyprotein; HERV-K(C6) envelope protein; HERV-K109 envelope protein; HERV-K_6q14.1provirus ancestral Env polyprotein; Surfaceprotein; SU; Transmembrane protein; TM; anti-ERVK-9 antibody

PRODUCT SPECIFICATIONS

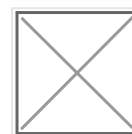
Host	Rabbit
Reactivity	Human Predicted: Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This ERVK-9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 636-669 amino acids from human ERVK-9
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	698
Applicable Applications for anti-ERVK-9 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. 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
Preparation and 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.

IMAGES



WB (Western Blot)

Anti-ERVK-9 Antibody (C-Term) at dilution + ZR-75-1 whole cell lysate Lysates/proteins at 20 ug 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.



WB (Western Blot)

All lanes : Anti-ERVK-9 Antibody (C-Term) at 1:2000 dilutionLane 1: MCF-7 whole cell lysateLane 2: T47D whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 79 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ERVK-9 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. This endogenous envelope protein has lost its original fusogenic properties.
Product Categories/Family for anti-ERVK-9 antibody	Cell biology; Microbiology
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605753
UniProt Accession #	Q9UKH3; Q902F9; O71037; P61565; P61566; Q69384; P61567; Q902F8; P63135
NCBI Official Full Name	Endogenous retrovirus group K member 9 Env polyprotein
UniProt Protein Name	Endogenous retrovirus group K member 9 Env polyprotein
UniProt Gene Name	ERVK-9
UniProt Synonym Gene Names	SU; TM
UniProt Entry Name	ENK9_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.