

Rabbit anti-Human HERV-FRD Polyclonal Antibody | anti-ERVFRD-1 antibody

HERV-FRD antibody - N-terminal region

CATALOG # AAA200534	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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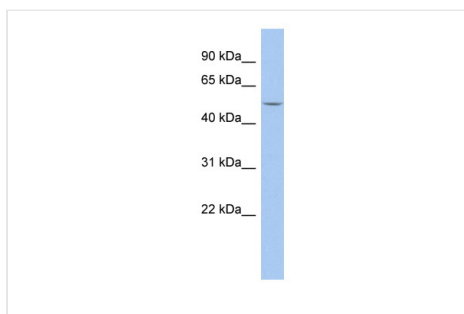
PRODUCT SYNONYMS

HERV-FRD; Polyclonal Antibody; HERV-FRD antibody - N-terminal region; anti-ERVFRD-1 antibody

PRODUCT SPECIFICATIONS

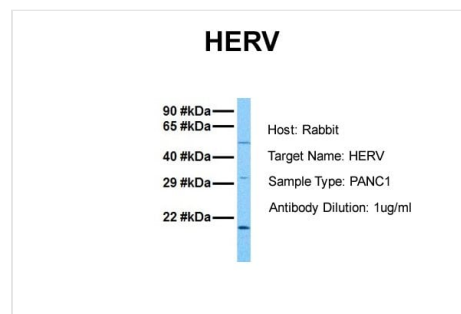
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TG SPYSTNCWLC TSSSTETPGT AYPASPREWT SIEAELHISY RWDPNLKG
Sequence Length	538
Applicable Applications for anti-ERVFRD-1 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HERV-FRD
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-HERV-FRD Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HT1080 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: HERV
Sample Tissue: Human PANC1
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ERVFRD-1 antibody	This is a rabbit polyclonal antibody against HERV-FRD. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 retained its original fusogenic properties. HERV-FRD can make pseudotypes with MLV, HIV-1 or SIV-1 virions and confer infectivity. Human endogenous retroviruses (HERVs) make up approximately 8% of the human genome. Although most HERVs are nonfunctional, the HERV-W (ERVWE1; MIM 604659) and HERV-FRD envelope (env) proteins can induce cell-cell fusion when expressed in cells possessing appropriate receptors (Blaise et al., 2003 [PubMed 14557543]). [supplied by OMIM].
Product Categories/Family for anti-ERVFRD-1 antibody	Polyclonal; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	46485773
NCBI GeneID	405754
NCBI Accession #	NP_997465
NCBI GenBank Nucleotide #	NM_207582
UniProt Accession #	P60508
Molecular Weight	60kDa
NCBI Official Full Name	syncytin-2 preproprotein
NCBI Official Synonym Full Names	endogenous retrovirus group FRD member 1, envelope
NCBI Official Symbol	ERVFRD-1
NCBI Official Synonym Symbols	envFRD; UNQ6191; ERVFRDE1; GLLL6191; HERV-FRD; HERV-W/FRD
NCBI Protein Information	syncytin-2
UniProt Protein Name	Syncytin-2
UniProt Gene Name	ERVFRD-1
UniProt Synonym Gene Names	ERVFRDE1; SU; TM

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://www.aaabiotech.com/polyclonal/herv-frd-antibody-western-blot-elisa/200534>