

Rabbit ERVFRD-1 Polyclonal Antibody | anti-ERVFRD-1 antibody

ERVFRD-1 Polyclonal Antibody

CATALOG # AAA280744	HOST Rabbit	APPLICATIONS Western Blot
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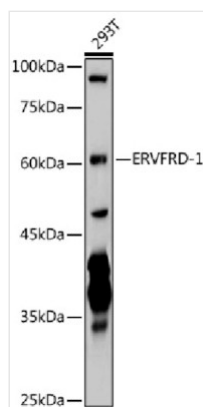
PRODUCT SYNONYMS

ERVFRD-1; Polyclonal Antibody; ERVFRD-1 Polyclonal Antibody; anti-ERVFRD-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	538
Applicable Applications for anti-ERVFRD-1 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 16-250 of human ERVFRD-1 (NP_997465.1).
Species Reactivity / Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using ERVFRD-1 antibody (AAA280744) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ERVFRD-1 antibody	Background: Many different human endogenous retrovirus (HERV) families are expressed in normal placental tissue at high levels, suggesting that HERVs are functionally important in reproduction. This gene is part of a human endogenous retrovirus provirus on chromosome 6 that has inactivating mutations in the gag and pol genes. This gene is the envelope glycoprotein gene which appears to have been selectively preserved. The gene's protein product plays a major role in placental development and trophoblast fusion. The protein has the characteristics of a typical retroviral envelope protein, including a cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer.
Product Categories/Family for anti-ERVFRD-1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	46485773
NCBI GeneID	405754
NCBI Accession #	NP_997465.1
NCBI GenBank Nucleotide #	NM_207582.2
UniProt Accession #	P60508
Molecular Weight	Observed MW: 60kDa Calculated MW: 60kDa
NCBI Official Full Name	syncytin-2 preproprotein
NCBI Official Synonym Full Names	endogenous retrovirus group FRD member 1
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
UniProt Entry Name	SYCY2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ervfrd-1-antibody-western-blot-elisa/280744>