Datasheet for ABIN7266937

anti-ERVW-1 antibody (AA 1-100)

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Overview

Quantity:	100 µL
Target:	ERVW-1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERVW-1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ERVW-1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ERVW-1 (NP_001124397.1).
Sequence:	MALPYHIFLF TVLLPSFTLT APPPCRCMTS SSPYQEFLWR MQRPGNIDAP SYRSLSKGTP TFTAHTHMPR NCYHSATLCM HANTHYWTGK MINPSCPGGL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ERVW-1
Alternative Name:	ERVW-1 (ERVW-1 Products)
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 an HERV provirus on chromosome 7 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 is expressed in the placental syncytiotrophoblast and is involved in fusion of the cytotrophoblast cells to form the syncytial layer of the placenta. The protein has the characteristics of a typical retroviral envelope protein, including a furin cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer. Alternatively spliced transcript variants encoding the same protein have been found for this gene.,ERVW-1;ENV;ENVW;ERVWE1;HERV-7q;HERV-W-ENV;HERV7Q;HERVW;HERVWENV,Cell Biology & Developmental Biology,ERVW-1
Molecular Weight:	59kDa
Gene ID:	30816
UniProt:	Q9UQF0

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.