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Datasheet for ABIN7266937

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

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.