



Datasheet for ABIN1537404

## anti-ERVW-1 antibody (C-Term)

1 Image



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### Overview

Quantity: 400 µL

Target: ERVW-1

Binding Specificity: AA 493-521, C-Term

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Conjugate: This ERVW-1 antibody is un-conjugated

Application: Western Blotting (WB)

### Product Details

Immunogen: This ERVWE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-521 amino acids from the C-terminal region of human ERVWE1.

Clone: RB36814

Isotype: Ig Fraction

Purification: This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target: ERVW-1

Alternative Name: ERVWE1 ([ERVW-1 Products](#))

Background: Many different human endogenous retrovirus (HERV) families are expressed in normal

## Target Details

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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.

Molecular Weight:	59866
Gene ID:	30816
NCBI Accession:	<a href="#">NP_001124397</a> , <a href="#">NP_055405</a>
UniProt:	<a href="#">Q9UQF0</a>

## Application Details

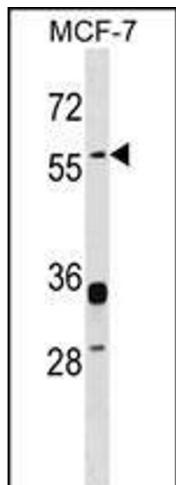
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	ERVWE1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** ERVWE1 Antibody (C-term) (ABIN1537404 and ABIN2848686) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the ERVWE1 antibody detected the ERVWE1 protein (arrow).