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Datasheet for ABIN2796407  
**anti-HERV antibody (Center)**

### Overview

Quantity:	200 µL
Target:	HERV
Binding Specificity:	AA 400-429, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HERV antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Rabbit Anti-Human HERV (ERVWE1) (Center) Antibody
Immunogen:	This HERV (ERVWE1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-429 amino acids from the Central region of human HERV (ERVWE1).
Isotype:	Ig Fraction

### Target Details

Target:	HERV
Alternative Name:	HERV ( <a href="#">HERV Products</a> )
Target Type:	Virus

## Target Details

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**Background:** Target Description: Many different human endogenous retrovirus (HERV) families are expressed in normal placental tissue at high levels, suggesting that HERVs are functionally important in reproduction. The protein, also known as syncytin, is expressed in the placental syncytiotrophoblast and is involved in fusion of the cytotrophoblast cells to form the syncytial layer of the placenta. This 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.

Gene Symbol: ERVW-1

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**Molecular Weight:** 59866 Da

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**Gene ID:** 30816

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**UniProt:** [Q9UQF0](#)

## Application Details

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**Application Notes:** Western Blot

Recommended Dilutions

WB: 1:1000 Western blot analysis of lysate from human brain tissue lysate, using Syncytin(ERVWE1) Antibody at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1.900 mg/mL

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**Storage:** 4 °C, -20 °C

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**Storage Comment:** 2-8°C (short-term), -20°C (long-term)