



[Go to Product page](#)

Datasheet for ABIN6242136  
**anti-ERVK-7 antibody (AA 96-128)**

2 Images

Overview

Quantity:	200 µL
Target:	ERVK-7
Binding Specificity:	AA 96-128
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERVK-7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ERVK-7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 96-128 amino acids from human ERVK-7.
Clone:	RB53926
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ERVK-7
Alternative Name:	ERVK-7 ( <a href="#">ERVK-7 Products</a> )
Background:	Retroviral envelope proteins mediate receptor recognition and membrane fusion during early

## Target Details

infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. TM anchors the envelope heterodimer to the viral membrane through one transmembrane domain. The other hydrophobic domain, called fusion peptide, mediates fusion of the viral membrane with the target cell membrane (By similarity).

Molecular Weight: 66649

UniProt: [P61567](#)

## Application Details

Application Notes: WB: 1:1000-1:2000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

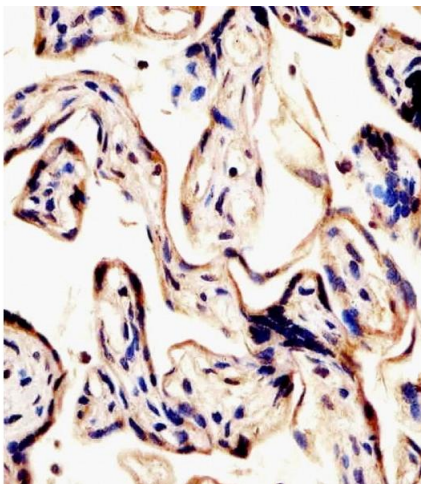
Preservative: Sodium azide

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

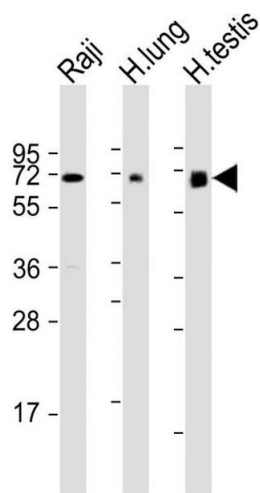
Expiry Date: 6 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6242136 and ABIN6578441) staining ERVK-7 in human placenta tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the



secondary antibody.

### Western Blotting

**Image 2.** All lanes : Anti-ERVK-7 Antibody (N-Term) at 1:1000-1:2000 dilution Lane 1: Raji whole cell lysate Lane 2: human lung lysate Lane 3: human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 67 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.