

ERV3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3385a**Specification**

ERV3 Antibody (internal region) - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	Q14264
Other Accession	NP_001007254.2 , 2086
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	67942

ERV3 Antibody (internal region) - Additional Information**Gene ID** 2086**Other Names**

Endogenous retrovirus group 3 member 1 Env polyprotein, ERV-3 envelope protein, ERV3 envelope protein, ERV3-1 envelope protein, Envelope polyprotein, HERV-R envelope protein, ERV-R envelope protein, HERV-R_7q21.2 provirus ancestral Env polyprotein, Surface protein, SU, Transmembrane protein, TM, ERV3-1, ERV3

Dilution

WB~~1:1000
IHC~~1:100~500
Pep-ELISA~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ERV3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ERV3 Antibody (internal region) - Protein Information**Name** ERV3-1**Synonyms** ERV3

Function

Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. This endogenous envelope protein has lost its fusogenic properties. It can inhibit cell growth through decrease expression of cyclin B1 and increased expression of p21 in vitro.

Cellular Location

Virion.

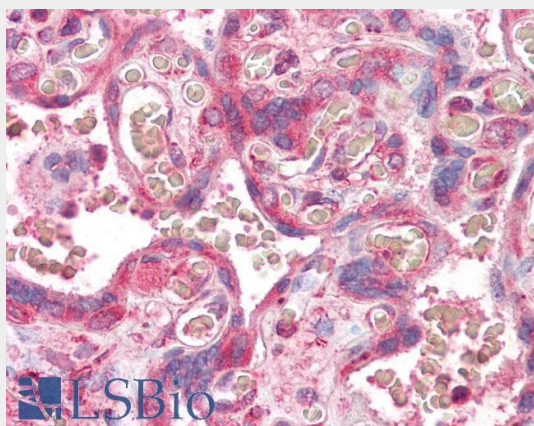
Tissue Location

Expressed at higher level in adrenal, sebaceous glands and placenta. Expressed at lower level in bone marrow, brain, breast, colon, heart, kidney, liver, lung, ovary, PBL, prostate, skin, spleen, testis, thymus, thyroid, trachea

ERV3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERV3 Antibody (internal region) - Images

EB10499 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ERV3 Antibody (internal region) - References

ERV3 and related sequences in humans: structure and RNA expression. Andersson AC, Yun Z, Sperber GO, Larsson E, Blomberg J, Journal of virology 2005 Jul 79 (14): 9270-84. PMID: 15994821