

## Anti-ERVK-7 Antibody (N-Term)

Catalog Number: M15907

### About ERVK-7

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. 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).

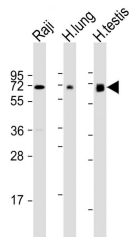
### Overview

Product Name	Anti-ERVK-7 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-ERVK-7 Antibody (N-Term) (Catalog # M15907). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P61567

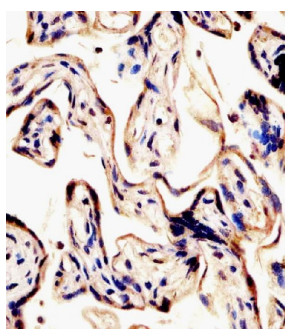
### Technical Details

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.
Predicted Reactive Species	Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000-1:2000 IHC-P: 1:25

## Anti-ERVK-7 Antibody (N-Term) (M15907) Images



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% NFDN/TBST.



M15907 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 (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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