

Rabbit Apelin Polyclonal Antibody | anti-APLN antibody

Anti-Apelin Antibody (C-Terminus)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162407	Rabbit	HumanPredicted: Mouse, Bovine, Rat	Western Blot, Immunohistochemistry

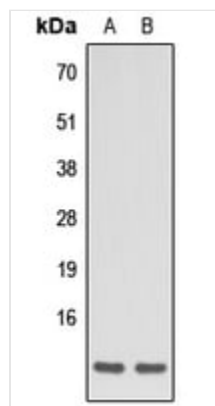
PRODUCT SYNONYMS

Apelin; Polyclonal Antibody; Anti-Apelin Antibody (C-Terminus); Mouse Monoclonal [clone 2B6] (IgG2a; k) to Human Apelin; APLN; AGTRL1 ligand; APEL; Preproapelin; APJ endogenous ligand; XNPEP2; anti-APLN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Bovine, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Apelin protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	77
Applicable Applications for anti-APLN antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human Apelin.
Conjugation	Unconjugated
Epitope	C-Terminus
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



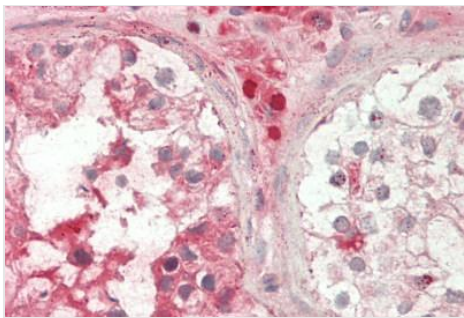
WB (Western Blot)

Western blot analysis of Apelin expression in HEK293T (A); HeLa (B) whole cell lysates.



IHC (Immunohistochemistry)

Human Lung, Respiratory Epithelium: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-APLN antibody	Endogenous lig and for APJ, an alternative coreceptor with CD4 for HIV-1infection. Inhibits HIV-1 entry in cells coexpressing CD4 and APJ.Apelin-36 has a greater inhibitory activity on HIV infection than othersynthetic apelin derivatives. the oral intake in the colostrum and the milk could have a role in the modulation of the immune responses inneonates. May also have a role in the central control of body fluidhomeostasis by influencing AVP release and drinking behavior.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45120090
NCBI GeneID	8862
NCBI Accession #	NP_059109.3
NCBI GenBank Nucleotide #	NM_017413.4
UniProt Accession #	Q9ULZ1; Q4VY08; Q8WU89
Molecular Weight	8,569 Da
NCBI Official Full Name	apelin preproprotein
NCBI Official Synonym Full Names	apelin
NCBI Official Symbol	APLN
NCBI Official Synonym Symbols	APEL; XNPEP2
NCBI Protein Information	apelin
UniProt Protein Name	Apelin
UniProt Gene Name	APLN
UniProt Synonym Gene Names	APEL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apelin-antibody-western-blot-immunohistochemistry-elisa/162407>