Apelin (APLN) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Apelin (APLN), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Apelin (APLN)
Product Gene Name	anti-APLN antibody
Product Synonym Names	XNPEP2; APEL; APJ endogenous ligand
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: APLN (MBS2026034) Biotin Conjugated Antibody: APLN (MBS2095074)
Matching Pairs	Biotin Conjugated Antibody: APLN (MBS2095074) Immunogen: APLN (MBS2028954)
Molecular Weight	8,677 Da
3D Structure	ModBase 3D Structure for Q9R0R3
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Biotin
Cross Reactivity	Mouse
Immunogen	APLN (Val23~Phe77)
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-APLN antibody	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-APLN antibody	MBS2095074 is an antibody targeting APLN. Also known as Biotin-Linked Polyclonal Antibody to Apelin (APLN). Reactive in Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-APLN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APLN. It may not necessarily be applicable to this product.

NCBI GI #	13928836
NCBI GeneID	58812
NCBI Accession #	NP_113800.1
UniProt Primary Accession #	Q9R0R3
UniProt Related Accession #	Q9R0R3

GenBank Nucleotide #	NM_031612.3
NCBI Official Full Name	apelin preproprotein
NCBI Official Synonym Full Names	apelin
NCBI Official Symbol	Apln
NCBI Official Synonym Symbols	Apel
UniProt Protein Name	Apelin
UniProt Synonym Protein Names	APJ endogenous ligand
Protein Family	Apelin
UniProt Gene Name	Apln
UniProt Synonym Gene Names	Apel
NCBI Protein Information	apelin
UniProt Comments for APLN	Endogenous ligand for APJ. Apelin-36 dissociates more hardly than (pyroglu)apelin-13 from APJ. The oral intake in the colostrum and the milk could have a role in the modulation of the immune responses in neonates. May also have a role in the central control of body fluid homeostasis by influencing AVP release and drinking behavior.
Research Articles on APLN	**1.** Apelin is an important regulator of aortic remodeling and adventitial fibrosis and a promising target for vasoprotective therapies.
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