

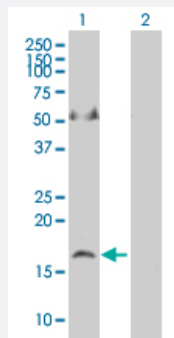
MaxPab®

APLN MaxPab mouse polyclonal antibody (B01)

Catalog # H00008862-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of APLN expression in transfected 293T cell line ([H00008862-T01](#)) by APLN MaxPab polyclonal antibody.

Lane1:APLN transfected lysate(13.53 KDa).

Lane 2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human APLN protein.
Immunogen	APLN (AAH21104.1, 1 a.a. ~ 122 a.a) full-length human protein.
Sequence	MSATWCSPGQGMGQGPGRVGGNSAASGPASPIRDPCLSEAGLKGPPSAHPRRLCLLHRLV CFSGGLTSIQLSPRTCCSHQWAQLFSPACFPQWRAPGCSLDDSRSLTRIRPVHLPGPSLD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — APLN

Entrez GeneID [8862](#)

GeneBank Accession# [BC021104](#)

Protein Accession# [AAH21104.1](#)

Gene Name APLN

Gene Alias XNPEP2

Gene Description apelin

Omim ID [300297](#)

Gene Ontology [Hyperlink](#)

Gene Summary Apelin is a neuropeptide expressed in the supraoptic and paraventricular nuclei that acts on specific receptors located on vasopressinergic neurons (De Mota et al., 2004) [PubMed 15231996]. [supplied by OMIM]

Other Designations apelin, AGTRL1 ligand|peptide ligand for APJ receptor

Publication Reference

- [Novel target genes responsive to the anti-growth activity of triptolide in endometrial and ovarian cancer cells.](#)

Li H, Takai N, Yuge A, Furukawa Y, Tsuno A, Tsukamoto Y, Kong S, Moriyama M, Narahara H.

Cancer Letters 2010 Nov; 297(2):198.

Application: WB-Ce, Human, HHUA, Ishikawa, HEC-1B, SK-OV-3, OVCAR-3 (cells)

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Hypertension](#)