

## Apelin rabbit pAb antibody

| Catalog No : | Source: | Concentration : | Mol.Wt. (Da): |
|--------------|---------|-----------------|---------------|
| A10699       | Rabbit  | 1 mg/ml         | 8569          |

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | WB,IHC,ELISA   |
| <b>Reactivity</b>            | Human,Mouse,Rat  |
| <b>Dilution</b>              | WB: 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000. Not yet tested in other applications.   |
| <b>Storage</b>               | -20°C/1 year   |
| <b>Specificity</b>           | Apelin Polyclonal Antibody detects endogenous levels of Apelin protein.  |
| <b>Source / Purification</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Immunogen</b>             | The antiserum was produced against synthesized peptide derived from the C-terminal region of human APLN. AA range:28-77  |
| <b>Uniprot No</b>            | Q9ULZ1   |
| <b>Alternative names</b>     | APLN; APEL; Apelin; APJ endogenous ligand  |
| <b>Form</b>                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Clonality</b>             | Polyclonal   |
| <b>Isotype</b>               | IgG  |
| <b>Conjugation</b>           |  |
| <b>Background</b>            | apelin(APLN) Homo sapiens This gene encodes a peptide that functions as an endogenous ligand for the G-protein coupled apelin receptor. The encoded preproprotein is proteolytically processed into biologically active C-terminal peptide fragments. These peptide fragments activate different tissue specific signaling pathways that regulate diverse biological functions including fluid homeostasis, cardiovascular function and insulin secretion. This protein also functions as a coreceptor for the human immunodeficiency virus 1. [provided by RefSeq, Feb 2016], |
| <b>Other</b>                 | APLN, Apelin   |

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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