

Datasheet for ABIN740162

anti-Apelin Receptor antibody (AA 52-66) (Biotin)



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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | Apelin Receptor (APLNR) |
| Binding Specificity: | AA 52-66 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Apelin Receptor antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human Apelin receptor (cytoplasmic domain) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | Apelin Receptor (APLNR) |
| Alternative Name: | Apj Receptor (APLNR Products) |
| Background: | Synonyms: APJ, APJR, HG11, AGTRL1, Apelin receptor, Angiotensin receptor-like 1, G-protein coupled receptor APJ, G-protein coupled receptor HG11, APLNR |

Target Details

Background: Receptor for apelin coupled to G proteins that inhibit adenylate cyclase activity and plays a role in various processes in adults such as regulation of blood pressure, heart contractility, and heart failure. Also plays a key role in early development such as gastrulation and heart morphogenesis by acting as a receptor for APELA hormone. Alternative coreceptor with CD4 for HIV-1 infection, may be involved in the development of AIDS dementia.

Gene ID: 187

UniProt: [P35414](#)

Application Details

Application Notes: WB 1:100-1000
IHC-P 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months