

Datasheet for ABIN6982793

**anti-Apelin Receptor antibody (AA 181-280) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Apelin Receptor (APLNR)
Binding Specificity:	AA 181-280
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apelin Receptor antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Apelin Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Apelin Receptor (APLNR)
Alternative Name:	Apelin Receptor ( <a href="#">APLNR Products</a> )

## Target Details

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**Background:** Synonyms: APJ receptor, AGTR L1, AGTRL 1, AGTRL1, Angiotensin II receptor like 1, Angiotensin receptor like 1, Apelin receptor, APJ, B78, FLJ90771, G protein coupled receptor APJ, GPCR34, HG 11, HG11, MGC45246, MSR, msr/apj, Aplnr, Agtrl1, APLNR, FLJ96609, APJ\_HUMAN.

**Background:** This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counter-regulatory role against the pressure action of angiotensin II by exerting hypertensive effect. It functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from alternative splicing have been identified. [provided by RefSeq]

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**Gene ID:** 187

**UniProt:** [P35414](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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**Expiry Date:** 12 months