

Datasheet for ABIN882979

anti-Apelin Receptor antibody (AA 52-66) (AbBy Fluor® 488)[Go to Product page](#)

Overview

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 AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

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

Target Details

coupled receptor APJ, G-protein coupled receptor HG11, APLNR

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: FCM 1:20-100
IF(IHC-P) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months