Rabbit anti-Human APLNR/ Apelin Receptor / APJ Polyclonal Antibody | anti-APLNR antibody

Rabbit Polyclonal to Human APLNR/ Apelin Receptor / APJ

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52396	**Rabbit**	**Human**	**Immunohistochemistry**

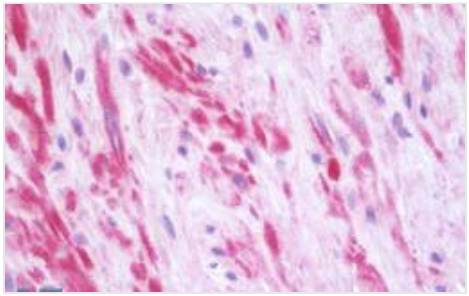
PRODUCT SYNONYMS

APLNR/ Apelin Receptor / APJ; Polyclonal Antibody; Rabbit Polyclonal to Human APLNR/ Apelin Receptor / APJ; Anti-APLNR/ Apelin Receptor / APJ Antibody (Cytoplasmic Domain) IHC-plus; APLNR; AGTRL1; Angiotensin receptor-like 1; Angiotensin II receptor-like 1; Apelin receptor; APJ; APJ (apelin) receptor; APJR; G protein-coupled receptor APJ; HG11 orphan receptor; HG11; APJ receptor; G-protein coupled receptor APJ; Human APLNR/ Apelin Receptor; anti-APLNR antibody

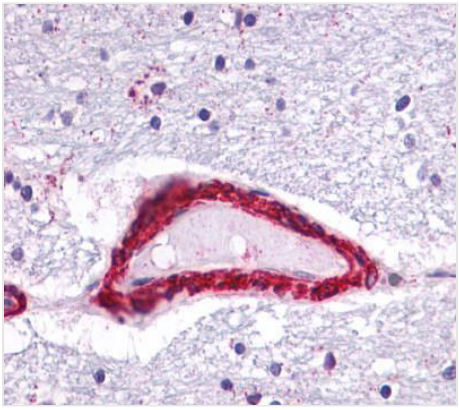
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human Apelin Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-APLNR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human Apelin Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Panda, Bat, Horse, Rabbit (100%).
Immunogen Type	Synthetic peptide
Immunogen	APLNR/ Apelin Receptor / APJ antibody was raised against synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human Apelin Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Panda, Bat, Horse, Rabbit (100%); Elephant (95%); Platypus (90%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohiostchemistry)
Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE



IHC (Immunohistochemistry)
Anti-APLNR/ Apelin Receptor / APJ antibody IHC of human brain vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-APLNR antibody	APJ or Apelin Receptor, is an angiotensin-1-like receptor that is expressed abundantly in the corpus callosum and spinal cord. The human apelin receptor has been localized to chromosome 11. In porcine spinal cord, APJ mRNA was detected at a higher level in white matter than in gray matter (Matsumoto et al., 1996). APJ binds apelin, which induces cell acidification (Tatemoto et al., 1998).
Product Categories/Family for anti-APLNR antibody	Family: GPCR; Subfamily: Apelin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885057
NCBI GeneID	187
NCBI Accession #	NP_005152.1
NCBI GenBank Nucleotide #	NM_005161.4
UniProt Accession #	P35414
Molecular Weight	42,660 Da
NCBI Official Full Name	apelin receptor
NCBI Official Synonym Full Names	apelin receptor
NCBI Official Symbol	APLNR
NCBI Official Synonym Symbols	APJ; APJR; HG11; AGTRL1
NCBI Protein Information	apelin receptor; APJ receptor; HG11 orphan receptor; APJ (apelin) receptor; angiotensin receptor-like 1; G protein-coupled receptor APJ; G-protein coupled receptor APJ; angiotensin II receptor-like 1; G-protein coupled receptor HG11
UniProt Protein Name	Apelin receptor
UniProt Gene Name	**APLNR**
UniProt Synonym Gene Names	AGTRL1; APJ
UniProt Entry Name	APJ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/aplnr-apelin-receptor-apj-antibody-immunohistochemistry-elisa/52396