

Rabbit Apelin Receptor Polyclonal Antibody | anti-APEL antibody

Apelin Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA226338	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Apelin Receptor; Polyclonal Antibody; Apelin Receptor Antibody; AGTRL1 ligand antibody; APEL antibody; Apelin-13 antibody; APJ endogenous ligand antibody; Apln antibody; XNPEP2 antibody; anti-APEL antibody

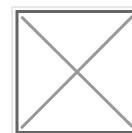
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immobilized antigen affinity chromatography
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	380
Applicable Applications for anti-APEL antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 330-377 rat Apelin receptor protein.
Conjugation	Unconjugated
Molecular Function	Developmental protein; G-protein coupled receptor; Receptor; Transducer
Subcellular Location	Cell Membrane; Multi-pass membrane protein
Preparation and Storage	Store at -20 degree C for long term storage.

IMAGES



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-APEL antibody	Overview: 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. Structure: Transmembrane, Transmembrane helix Expression: Widely expressed in the brain, in glial cells, astrocytes and neuronal subpopulations, as well as in the spleen, thymus, ovary, small intestine and colon.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885057
NCBI GeneID	187
NCBI Accession #	NP_005152.1
NCBI GenBank Nucleotide #	NM_005161.4
UniProt Accession #	P35414; Q9JHG3
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
UniProt Protein Name	Apelin receptor
UniProt Gene Name	APLNR
UniProt Synonym Gene Names	AGTRL1; APJ

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://stage.aaabiotech.com/polyclonal/apelin-receptor-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/226338>