

Rabbit LPHN2 / Latrophilin-2 Polyclonal Antibody | anti-LPHN2 antibody

Rabbit Polyclonal to Human LPHN2 / Latrophilin-2

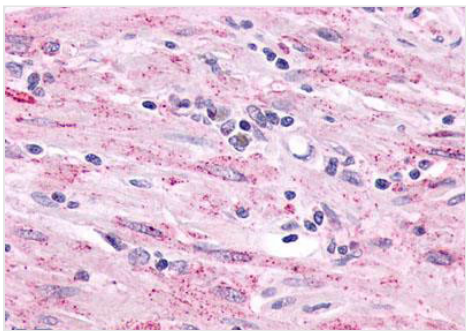
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52028	Rabbit	Gibbon, Human Predicted Reactivity: Gorilla, Monkey, Mouse (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

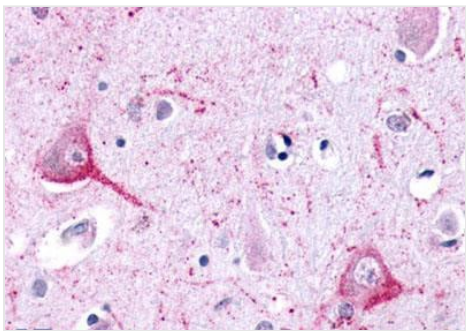
LPHN2 / Latrophilin-2; Polyclonal Antibody; Rabbit Polyclonal to Human LPHN2 / Latrophilin-2; Anti-LPHN2 / Latrophilin-2 Antibody (N-Terminus) IHC-plus; LPHN2; Cl2aa; C1RL2; CL2; Latrophilin 1; Latrophilin-2; LECTOMEDIN-1; Latrophilin 2; Latrophilin homolog 2 (cow); KIAA0786; Beta-latrotoxin receptor; C1RL-2; Latrophilin homolog 1; Latrotoxin receptor 2; Latrotoxin receptor homolog 2; LEC1; LPHH1; Human LPHN2; anti-LPHN2 antibody

PRODUCT SPECIFICATIONS

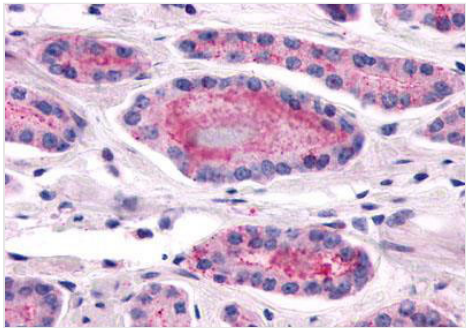
Host	Rabbit
Reactivity	Gibbon, Human Predicted Reactivity: Gorilla, Monkey, Mouse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human LPHN2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1403
Applicable Applications for anti-LPHN2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from N-terminal extracellular domain of human LPHN2. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%); Gorilla, Marmoset, Mouse (94%); Rat, Dog, Panda (88%).
Immunogen Type	Synthetic peptide
Immunogen	LPHN2 / Latrophilin-2 antibody was raised against synthetic 16 amino acid peptide from N-terminal extracellular domain of human LPHN2. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%); Gorilla, Marmoset, Mouse (94%); Rat, Dog, Panda (88%); Bovine, Horse, Rabbit, Pig (81%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



IHC (Immunohistochemisry)
Anti-LPHN2 / Latrophilin-2 antibody IHC of human prostate, smooth muscle, benign prostatic hyperplasia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-LPHN2 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LPHN2 / Latrophilin-2 antibody IHC of human Prostate, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LPHN2 antibody	Latrophilin-2 is an Orphan-B Receptor that binds alpha-latrotoxin, a potent presynaptic neurotoxin present in the venom of the black widow spider, in a Ca2+-independent manner. As with the other two latrophilins, it shares homology with lectin, olfactomedin, and transmembrane domains, and possesses variable C-termini and various alternative-splice sites. Latrophilin-2 is endoproteolytically cleaved at the end of the GPS domain, and the two subunits remain non-covalently linked as a heterodimer.
Product Categories/Family for anti-LPHN2 antibody	Family: GPCR; Subfamily: Orphan-B

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912464
NCBI GeneID	23266
NCBI Accession #	NP_036434.1
NCBI GenBank Nucleotide #	NM_012302.3
UniProt Accession #	O95490; O94882; Q5VX76; Q9UKY5; A5XEI2; B1ALT8; B1ALT9; B1ALU0; B1ALU2; B1ALU4; B1ALU5; B1ALU6
Molecular Weight	163,448 Da
NCBI Official Full Name	latrophilin-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	latrophilin 2
NCBI Official Symbol	LPHN2

NCBI Official Synonym Symbols	CL2; LEC1; CIRL2; LPHH1
NCBI Protein Information	latrophilin-2; lectomedin-1; latrophilin homolog 1; calcium-independent alpha-latrotoxin receptor 2
UniProt Protein Name	Latrophilin-2
UniProt Gene Name	LPHN2
UniProt Synonym Gene Names	KIAA0786; LEC1; LPHH1; CIRL-2
UniProt Entry Name	LPHN2_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://stage.aaabiotech.com/polyclonal/lphn2-latrophilin-2-antibody-immunohistochemistry-elisa/52028>