

Datasheet for ABIN122280
anti-LPHN3 antibody (Cytoplasmic Domain)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	LPHN3
Binding Specificity:	Cytoplasmic Domain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPHN3 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	Reacts with Latrophilin-3 (family: GPCR, subfamily: Orphan-B)
Purification:	Peptide immunogen affinity column

Target Details

Target:	LPHN3
Alternative Name:	Latrophilin-3 (LPHN3 Products)
Background:	Latrophilin-3 is a brain-specific, Ca ²⁺ -independent Orphan-B Receptor with an unknown ligand. Unlike the other two latrophilins, Latrophilin-3 does not bind alpha-latrotoxin. Latrophilin-3, like its isoforms, shares homology with lectin, olfactomedin, and transmembrane domains, and possesses variable C-termini and various alternative-splicing sites. Latrophilin-3 has been

Target Details

reported in brain, heart, placenta, and lung. ESTs have been isolated from B-cell / lung / testis, brain, ear, eye, heart, heart / melanocyte / uterus, kidney, lung, nerve, placenta, and testis libraries. Synonyms: Calcium-independent alpha-latrotoxin receptor 3, KIAA0768, LEC3, LPHN3, Latrophilin-3, Lectomedin-3

Gene ID: 23284

UniProt: [Q9HAR2](#)

Application Details

Application Notes: Immunohistochemistry with formalin fixed paraffin embedded tissues: 2 µg/mL Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100 °C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: This product was originally produced by MBL International.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.7, containing 0.01 % sodium azide

Preservative: Sodium azide

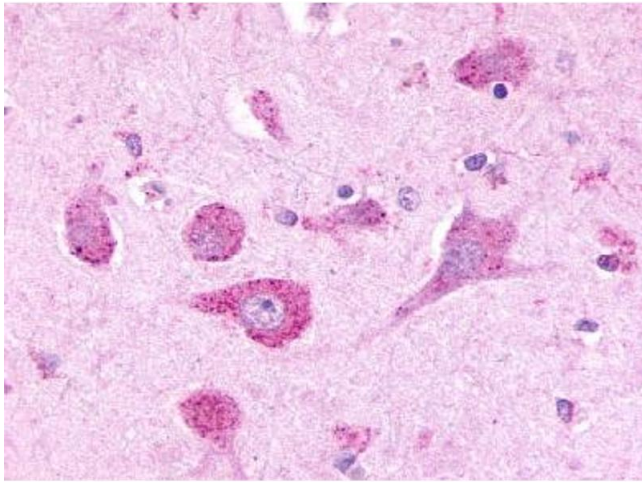
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-80 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -70 °C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Immunohistochemical staining of Brain (Neurons) using anti- LPHN3 antibody ABIN122280