

LGICZ1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10852**Specification**

LGICZ1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q401N2
Other Accession	NM_180990 , NP_851321
Reactivity	Human, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

LGICZ1 antibody - N-terminal region - Additional Information**Gene ID** 353174**Alias Symbol** L2, LGICZ, MGC129841, ZAC, ZAC1, LGICZ1
Other Names

Zinc-activated ligand-gated ion channel, Ligand-gated ion channel zinc-activated 1, Ligand-gated ion-channel receptor L2, ZACN, L2, LGICZ, LGICZ1, ZAC

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-LGICZ1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LGICZ1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LGICZ1 antibody - N-terminal region - Protein Information**Name** ZACN ([HGNC:29504](#))**Function**Ligand-gated cation channel that allows the movement of sodium and potassium monoatomic cations across cell membranes when activated by zinc (Zn²⁺), copper (Cu²⁺), and changes in pH (PubMed:26872532). Could also transport cesium (PubMed:26872532).**Cellular Location**

Cell membrane; Multi-pass membrane protein

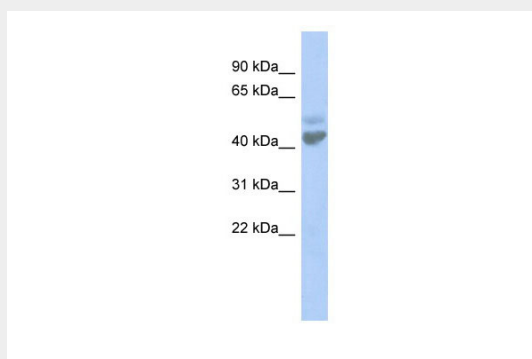
Tissue Location

Detected in pancreas, brain, liver, placenta, trachea, kidney, spinal cord, stomach and fetal brain. In the adult brain region expression is detected in the hippocampus, striatum, amygdala and thalamus.

LGICZ1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LGICZ1 antibody - N-terminal region - Images

WB Suggested Anti-LGICZ1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: NCI-H226 cell lysate

LGICZ1 antibody - N-terminal region - References

Houtani, T., (2005) Biochem. Biophys. Res. Commun. 335 (2), 277-285 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.