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LGICZ1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10852

Product Information

Application	WB
Primary Accession	Q401N2
Other Accession	NM_180990, NP_851321
Reactivity	Human, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45816

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.

Protein Information

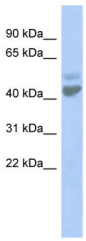
Name	ZACN (HGNC:29504)
Function	Ligand-gated cation channel that allows the movement of sodium and potassium monoatomic cations across cell membranes when activated by zinc (Zn2+), copper (Cu2+), and changes in pH (PubMed:26872532). Could also transport cesium (PubMed:26872532).
Cellular Location	Cell 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.

References

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

Images



WB Suggested Anti-LGICZ1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: NCI-H226 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.