

# LGICZ1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10852

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q401N2</a>
<b>Other Accession</b>	<a href="#">NM_180990</a> , <a href="#">NP_851321</a>
<b>Reactivity</b>	Human, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	45816

## Additional Information

---

<b>Gene ID</b>	353174
<b>Alias Symbol</b>	L2, LGICZ, MGC129841, ZAC, ZAC1, LGICZ1
<b>Other Names</b>	Zinc-activated ligand-gated ion channel, Ligand-gated ion channel zinc-activated 1, Ligand-gated ion-channel receptor L2, ZACN, L2, LGICZ, LGICZ1, ZAC
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	LGICZ1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	ZACN ( <a href="#">HGNC:29504</a> )
<b>Function</b>	Ligand-gated cation channel that allows the movement of sodium and potassium monoatomic cations across cell membranes when activated by zinc (Zn <sup>2+</sup> ), copper (Cu <sup>2+</sup> ), and changes in pH (PubMed: <a href="#">26872532</a> ). Could also transport cesium (PubMed: <a href="#">26872532</a> ).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	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  $\mu$ g/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'.