

LGI1 Rabbit mAb

Catalog No.: A19230 **Recombinant**

Basic Information

Observed MW

64kDa

Calculated MW

64kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2388

Background

This gene encodes a member of the secreted leucine-rich repeat (LRR) superfamily and shares homology with members of the SLIT protein family. The encoded protein may regulate the activity of voltage-gated potassium channels and may be involved in neuronal growth regulation and cell survival. This gene is rearranged as a result of translocations in glioblastoma cell lines, and it is frequently down-regulated or rearranged in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

9211

Swiss Prot

O95970

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 150-250 of human LGI1 (O95970).

Synonyms

EPT; ETL1; ADLTE; ADPAEF; ADPEAF; IB1099; EPITEMPIN; LGI1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

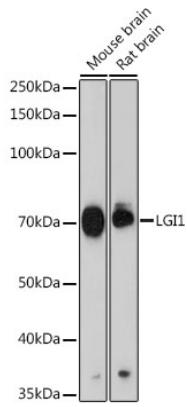
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using LGI1 antibody (A19230) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.