

**Product Name: LGI1 Rabbit Monoclonal antibody**  
**Catalog #: AMRe03064**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | LGI1 Rabbit Monoclonal antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IP                                  |
| <b>Reactivity</b>      | Human,Mouse,Rat                        |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Gene Name</b>         | LGI1                                                           |
| <b>Alternative Names</b> | ADLTE; ADPAEF; ADPEAF; Epitempin 1; EPITEMPIN; EPT; ETL1; LGI1 |
| <b>Gene ID</b>           | 9211                                                           |
| <b>SwissProt ID</b>      | O95970.                                                        |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IP: 1:20                  |
| <b>Molecular Weight</b> | Calculated MW: 64 kDa; Observed MW: 64 kDa |

## Background

**Product Name: LGI1 Rabbit Monoclonal antibody**  
**Catalog #: AMRe03064**

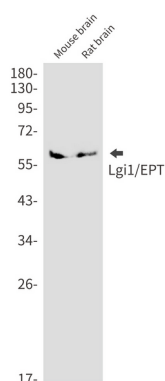


Regulates voltage-gated potassium channels assembled from KCNA1, KCNA4 and KCNAB1. It slows down channel inactivation by precluding channel closure mediated by the KCNAB1 subunit. Ligand for ADAM22 that positively regulates synaptic transmission mediated by AMPA-type glutamate receptors (By similarity).

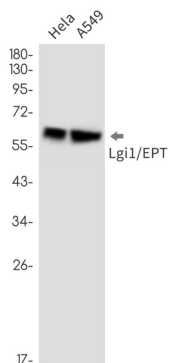
## Research Area

Neuroscience

## Image Data



Western blot analysis of Lgi1/EPT in mouse brain, rat brain lysates using LGI1 antibody.



Western blot analysis of Lgi1/EPT in HeLa, A549 lysates using Lgi1/EPT antibody.

## Note

For research use only.