

**Product Name: Lgi1 (18F12) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe13289**

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## Summary

<b>Production Name</b>	Lgi1 (18F12) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	LGI1
<b>Alternative Names</b>	ADLTE; ADPAEF; ADPEAF; Epitempin 1; EPITEMPIN; EPT; ETL1; LGI1;
<b>Gene ID</b>	9211.0
<b>SwissProt ID</b>	O95970.A synthetic peptide of human Lgi1/EPT

## Application

<b>Dilution Ratio</b>	WB: 1:1000
<b>Molecular Weight</b>	64kDa

## Background

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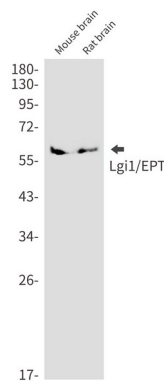
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Regulates voltage-gated potassium channels assembled from KCNA1, KCNA4 and KCNAB1. It slows down channel inactivation by precluding channel closure mediated by the KCNAB1 subunit. Ligand for ADAM22 that positively regulates synaptic transmission mediated by AMPA-type glutamate receptors (By similarity). 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). Plays a role in suppressing the production of MMP1/3 through the phosphatidylinositol 3-kinase/ERK pathway. May play a role in the control of neuroblastoma cell survival.

## Research Area

## Image Data



Western blot detection of Lgi1/EPT in Hela,A549 cell lysates using Lgi1/EPT antibody(1:1000 diluted).

## Note

For research use only.