



## Rat LGI1 peptide (DAG-P1561)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene is rearranged as a result of translocations in glioblastoma cell lines. The protein contains a hydrophobic segment representing a putative transmembrane domain with the amino terminus located outside the cell. It also contains leucine-rich repeats with conserved cysteine-rich flanking sequences. This gene is predominantly expressed in neural tissues and its expression is reduced in low grade brain tumors and significantly reduced or absent in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Predominantly expressed in neural tissues, especially in brain. Expression is reduced in low-grade brain tumors and significantly reduced or absent in malignant gliomas. Isoform 1 is absent in the cerebellum and is detectable in the occipital cortex and h
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 7 EAR repeats.Contains 3 LRR (leucine-rich) repeats.Contains 1 LRRCT domain.Contains 1 LRRNT domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">LGI1 leucine-rich, glioma inactivated 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	LGI1
<b>Synonyms</b>	LGI1; leucine-rich, glioma inactivated 1; EPT; ETL1; ADLTE; ADPAEF; ADPEAF; IB1099;

EPITEMPIN; leucine-rich glioma-inactivated protein 1; epitempin-1;

Entrez Gene ID	<a href="#">9211</a>
mRNA Refseq	<a href="#">NM_005097.2</a>
Protein Refseq	<a href="#">NP_005088.1</a>
UniProt ID	O95970
Chromosome Location	10q24
Function	protein binding; receptor binding; NOT receptor binding;