LGI2 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253836
Unit: 0.1 mg

Description:
The leucine-rich, glioma inactivated gene 2 (LGI2) is a member of the LGI family in which LGI1 is the exemplar. The LGI family consists of four of highly related proteins containing leucine-rich repeats (LRRs) which are highly similar to other transmembrane signaling molecules and receptors. LGI1 has been identified as a candidate tumor suppressor gene for glioma and plays a role in autodominant lateral temporal epilepsy (ADTLE), an epileptic syndrome characterized by focal seizures with predominant auditory symptoms. Despite its high homology with LGI1 and similar pattern of expression, mutations in LGI2 have not been found to be associated with ADTLE. Three isoforms of LGI2 are known to exist; this LGI2 antibody will recognize only the longest. This LGI2 antibody is predicted to be specific to LGI2 and not recognize other LGI proteins.

Isotype: Rabbit Ig
Applications: E, WB
Species Reactivity: H, M, R
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: LGI2 ; Leucine-rich; glioma inactivated 2; LGIL2
Accession No.: Q8K4Z0

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human LGI2.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.