10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

LGI2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57005

Specification

LGI2 Polyclonal Antibody - Product Information

Application	**IHC-P, WB**
Primary Accession	Q8N0V4
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**62298**

LGI2 Polyclonal Antibody - Additional Information

Gene ID 55203

Other Names
Leucine-rich repeat LGI family member 2, LGI1-like protein 2, Leucine-rich glioma-inactivated protein 2, LGI2, KIAA1916, LGIL2

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

LGI2 Polyclonal Antibody - Protein Information

Name LGI2

Synonyms KIAA1916, LGIL2

Function
Required for the development of soma-targeting inhibitory GABAergic synapses made by parvalbumin-positive basket cells.

Cellular Location
Secreted.

Tissue Location
Brain, heart and placenta.

LGI2 Polyclonal Antibody - Protocols

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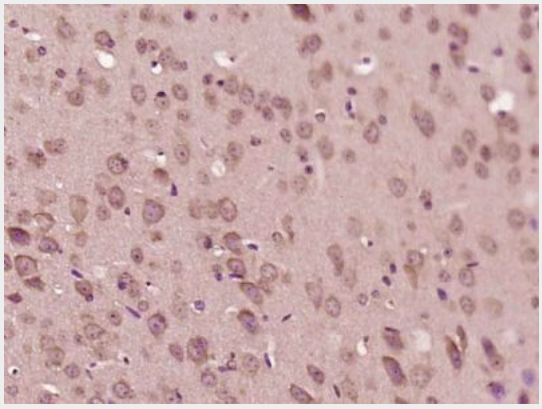
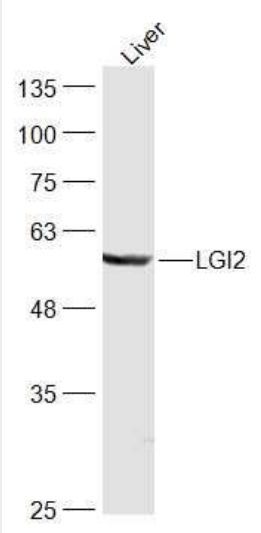
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LGI2 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LGI2) Polyclonal Antibody, Unconjugated (bs-18235R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-LGI2 (bs-18235R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60 kD
Observed band size: 60 kD

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