

Datasheet for ABIN6976734

anti-LGI2 antibody (AA 201-300) (AbBy Fluor® 350)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LGI2
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGI2 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LGI2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Pig,Horse,Chicken,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	LGI2
Alternative Name:	LGI2 (LGI2 Products)

Target Details

Background: Synonyms: KIAA1916, Leucine rich glioma inactivated protein 2, Leucine rich repeat LGI family member 2, Leucine-rich glioma-inactivated protein 2, Leucine-rich repeat LGI family member 2, LGI1 like protein 2, LGI1-like protein 2, LGI2, LGI2_HUMAN, LGIL2.

Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic Alpha/Beta horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. LGI2 (leucine-rich repeat LGI family, member 2), also known as KIAA1916 or LGIL2, is a 545 amino acid secreted protein that contains four LRR repeats and seven EAR repeats. Expressed in heart, brain and placenta, LGI2 shares high sequence similarity with other LGI family members and is thought to play a role in the pathogenesis of epileptic disorders.

Gene ID: 55203

UniProt: [Q8N0V4](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months