

Rat LGI4 Monoclonal Antibody | anti-LGI4 antibody

LGI4 antibody

CATALOG # AAA74728	HOST Rat	APPLICATIONS Western Blot, Immunofluorescence
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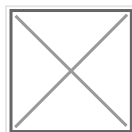
PRODUCT SYNONYMS

LGI4; Monoclonal Antibody; LGI4 antibody; Monoclonal LGI4; Anti-LGI4; leucine-rich repeat LGI family member 4; Leucine-rich glioma-inactivated protein 4; LGI-4; LGI 4; anti-LGI4 antibody

PRODUCT SPECIFICATIONS

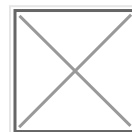
Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	KT18
Specificity	Mouse
Purity/Purification	LGI4 antibody was purified by Protein G chromatography.
Form/Format	Supplied in PBS containing 0.1% sodium azide as a preservative
Concentration	1 mg/ml (varies by lot)
Sequence Length	537
Applicable Applications for anti-LGI4 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	LGI4 is a secreted and glycosylated leucine-rich repeat protein. LGI4 appears to be expressed in many tissues with highest expression in brain. Senechal et al have shown high expression in the rostral migratory stream and the Purkinje cell layer of the cerebellar cortex.
Biohazard Information	This product contains sodium azide which is hazardous
Immunogen	LGI4 antibody was raised in Rat using Mouse Lgi4 peptide coupled to carrier protein as the immunogen.
Preparation and Storage	Store at 4 degree C for up to 1 month. For long term storage, aliquot and store at -20 to -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot of whole COS cell extracts using antibody Clone KT18. 1. Cells were transfected with HA-Oct6 as negative control; 2. Cells were transfected with Lgi4-myc expression cassette. Courtesy of Dr. Dies



IF (Immunofluorescence)

Lgi4 is expressed in Purkinje cells of the cerebellum when detected by antibody Clone KT18. Cryo-section was from adult mouse

ADDITIONAL INFORMATION

Related Product Information for anti-LGI4 antibody	Rat monoclonal LGI4 antibody
Product Categories/Family for anti-LGI4 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	21281673
NCBI GeneID	163175
NCBI Accession #	NP_644813.1
NCBI GenBank Nucleotide #	NM_139284.2
UniProt Accession #	Q8N135; Q5M8T1; B2RN53; B9EGS7
Molecular Weight	28,231 Da
NCBI Official Full Name	leucine-rich repeat LGI family member 4
NCBI Official Synonym Full Names	leucine-rich repeat LGI family, member 4
NCBI Official Symbol	LGI4
NCBI Official Synonym Symbols	LGIL3
NCBI Protein Information	leucine-rich repeat LGI family member 4
UniProt Protein Name	Leucine-rich repeat LGI family member 4
UniProt Gene Name	LGI4
UniProt Synonym Gene Names	LGIL3
UniProt Entry Name	LGI4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lgi4-antibody-clone-kt18-western-blot-immunofluorescence-elisa/74728>