Datasheet for ABIN1304867

anti-LRRC4 antibody (AA 550-652)

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Overview

Quantity:	100 µL
Target:	LRRC4
Binding Specificity:	AA 550-652
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRRC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Fusion protein amino acids 550-652 of mouse NGL-2 (accession number AAG60620) produced recombinantly in E. Coli
Clone:	N50-36
Isotype:	IgG1
Specificity:	No off-targets reported for NGL-1 or NGL-3
Cross-Reactivity:	Mouse, Rat
Characteristics:	Description: Our Anti-NGL-2/LRRC4 mouse monoclonal primary antibody is produced in-house from hybridoma clone N50/36. It is KO validated, detects mouse and rat NGL-2/LRRC4, and is purified by Protein A chromatography. It is great for use in IHC, ICC, WB. Manufacturer Comment: We produce our NGL-2/LRRC4 mouse monoclonal primary antibody from hybridoma clone N50/36. It is great in IHC, ICC, WB and is purified by Protein A

Product Details

	chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography.
Purity:	> 90% specific antibody

Target Details

Target:	LRRC4
Alternative Name:	LRRC4 (LRRC4 Products)
Background:	Synonyms: Leucine-rich repeat-containing protein 4 (Brain tumor-associated protein MBAG1) (Netrin-G2 ligand) (NGL-2) Target Description: Leucine Rich Repeat Containing 4 is encoded by the gene LRRC4. LRRC4 is a synaptic adhesion protein that regulates the formation of excitatory synapses through the recruitment of pre and postsynaptic proteins. LRRC4 organizes the lamina pathway-specific differentiation of dendrites, and plays an important role in auditory synaptic responses. LRRC4 is expressed in the brain. LRRC4 is significantly downregulated in primary brain tumors. Gene Name Alternatives: Lrrc4
Molecular Weight:	100 kDa
UniProt:	Q99PH1
Pathways:	Synaptic Membrane

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	10 mM Tris, 50 mM Sodium Chloride, 0.065 % Sodium Azide pH 7.4
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Handling

Expiry Date:	24 months