

Product datasheet

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ARG41340 anti-LRRC4 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes LRRC4

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name LRRC4

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 544-653 of Human LRRC4 (NP_071426.1).

Conjugation Un-conjugated

Alternate Names Netrin-G2 ligand; Leucine-rich repeat-containing protein 4; Nasopharyngeal carcinoma-associated gene

14 protein; NAG14; Brain tumor-associated protein BAG; NGL-2

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	U-87 MG	
Observed Size	80 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol LRRC4

Gene Full Name leucine rich repeat containing 4

Background This gene is significantly downregulated in primary brain tumors. The exact function of the protein

encoded by this gene is unknown. [provided by RefSeq, Jul 2008]

Function Synaptic adhesion protein. Regulates the formation of exitatory synapses through the recruitment of

pre-and-postsynaptic proteins. Organize the lamina/pathway-specific differentiation of dendrites. Plays a important role for auditory synaptic responses. Involved in the suppression of glioma (By similarity).

[UniProt]

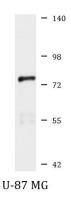
Calculated Mw 73 kDa

PTM N-glycosylated. [UniProt]

Cellular Localization Membrane; Single-pass type I membrane protein. Cell junction, synapse, postsynaptic cell membrane.

Note=LRRC4 and DLG4 are interdependent for synaptic localization. [UniProt]

Images



ARG41340 anti-LRRC4 antibody WB image

Western blot: 25 μg of U-87 MG cell lysate stained with ARG41340 anti-LRRC4 antibody at 1:1000 dilution.