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LRRC4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9530b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9HBW1
Other Accession	Q45R42, Q99PH1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24095
Calculated MW	72717
Antigen Region	531-559

Additional Information

Gene ID	64101
Other Names	Leucine-rich repeat-containing protein 4, Brain tumor-associated protein BAG, Nasopharyngeal carcinoma-associated gene 14 protein, Netrin-G2 ligand, NGL-2, LRRC4, BAG
Target/Specificity	This LRRC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 531-559 amino acids from the C-terminal region of human LRRC4.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LRRC4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LRRC4
Synonyms	BAG

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 an important role for auditory synaptic responses. Involved in the suppression of glioma (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein. Postsynaptic cell membrane. Note=LRRC4 and DLG4 are interdependent for synaptic localization.
Tissue Location	Specifically expressed in brain.

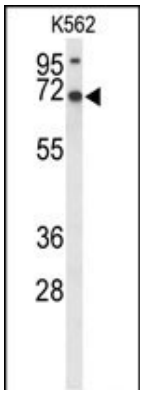
Background

The exact function of LRRC4 is unknown.

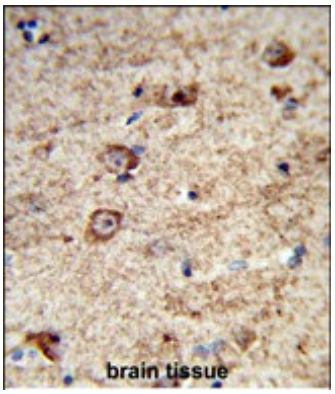
References

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Images



Western blot analysis of LRRC4 Antibody (C-term) (Cat. #AP9530b) in K562 cell line lysates (35ug/lane). LRRC4 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with LRRC4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Citations

- Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach.

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