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LINGO4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12795b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q6UY18
Other Accession	Q149C3, NP_001004432.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31553
Calculated MW	63774
Antigen Region	543-571

Additional Information

Gene ID	339398
Other Names	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4, Leucine-rich repeat neuronal protein 6D, LINGO4, LRRN6D
Target/Specificity	This LINGO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 543-571 amino acids from the C-terminal region of human LINGO4.
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	LINGO4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LINGO4
Synonyms	LRRN6D

Cellular Location Membrane; Single-pass type I membrane protein

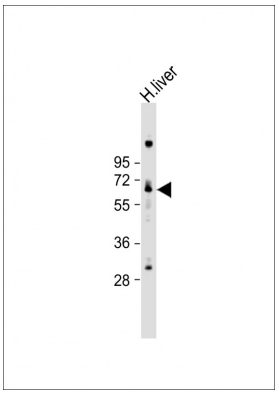
Background

The exact function of LINGO4 remains unknown.

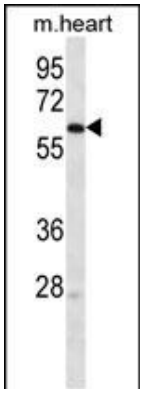
References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

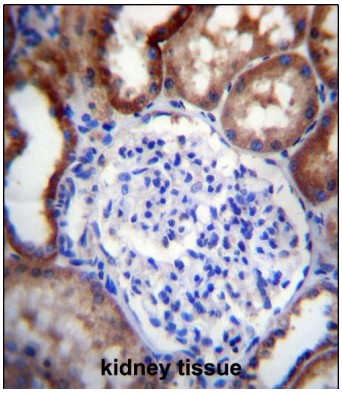
Images



Anti-LINGO4 Antibody (C-term) at 1:1000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



LINGO4 Antibody (C-term) (Cat. #AP12795b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LINGO4 antibody detected the LINGO4 protein (arrow).



LINGO4 Antibody (C-term) (Cat. #AP12795b)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LINGO4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- LINGO family receptors are differentially expressed in the mouse brain and form native multimeric complexes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.