10320 Camino Santa Fe, Suite G
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LINGO4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12795b

Specification

LINGO4 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q6UY18
Other Accession	Q149C3, NP_001004432.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**63774**
Antigen Region	**543-571**

LINGO4 Antibody (C-term) - 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~~1:10~50

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.

LINGO4 Antibody (C-term) - Protein Information

Name LINGO4

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Synonyms LRRN6D

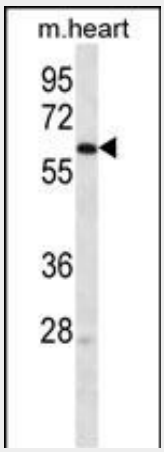
Cellular Location
Membrane; Single-pass type I membrane protein

LINGO4 Antibody (C-term) - Protocols

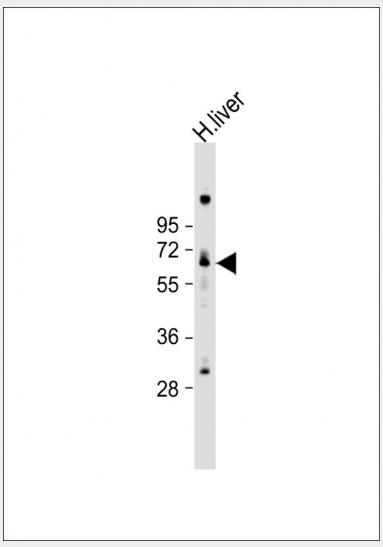
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LINGO4 Antibody (C-term) - Images

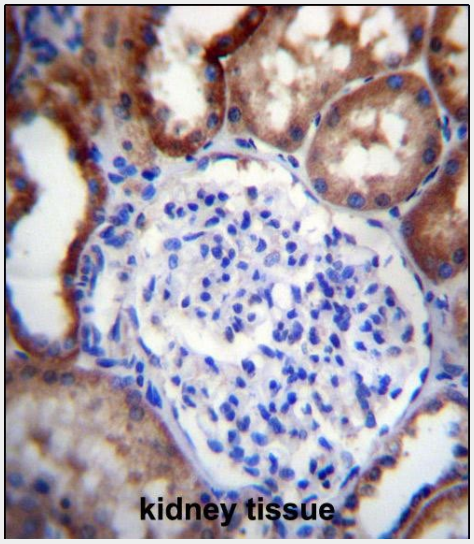


LINGO4 Antibody (C-term) (Cat. #AP12795b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LINGO4 antibody detected the LINGO4 protein (arrow).



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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)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.

LINGO4 Antibody (C-term) - Background

The exact function of LINGO4 remains unknown.

LINGO4 Antibody (C-term) - References

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

LINGO4 Antibody (C-term) - Citations

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