

Product Datasheet

NECAB1 Antibody - BSA Free

NBP1-84004

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 3

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NBP1-84004

NECAB1 Antibody - BSA Free

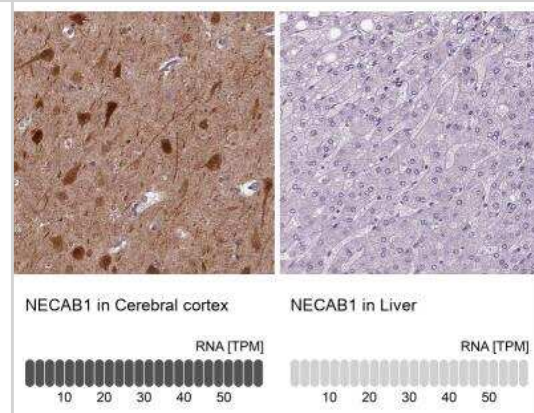
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	64168
Gene Symbol	NECAB1
Species	Human, Mouse
Reactivity Notes	Reactivity in mouse reported in scientific literature (PMID: 24616509)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLKETLNQLQSLQNSLECAMETTEEQTRQERQGPAPKEVLSIQWPGKRSSRR VQRHNSFSPNSP

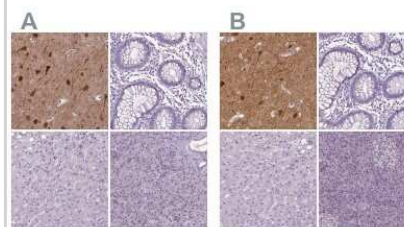
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

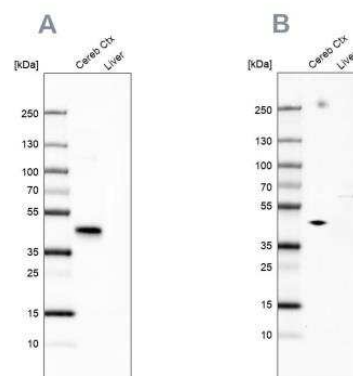
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Analysis in human cerebral cortex and liver tissues. Corresponding NECAB1 RNA-seq data are presented for the same tissues.



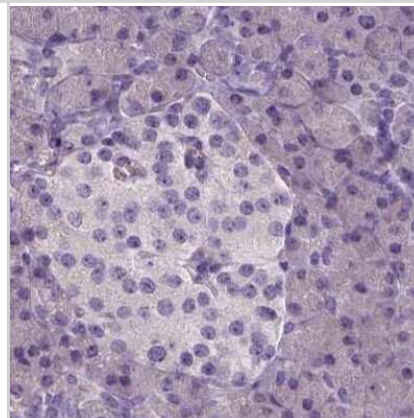
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Staining of human cerebral cortex, colon, liver and pancreas using Anti-NECAB1 antibody NBP1-84004 (A) shows similar protein distribution across tissues to independent antibody NBP1-84003 (B).



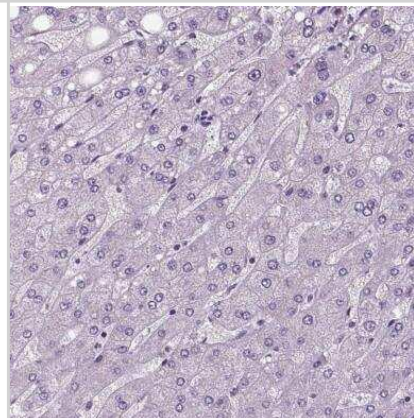
Western Blot: NECAB1 Antibody [NBP1-84004] - Analysis using Anti-NECAB1 antibody NBP1-84004 (A) shows similar pattern to independent antibody NBP1-84003 (B).



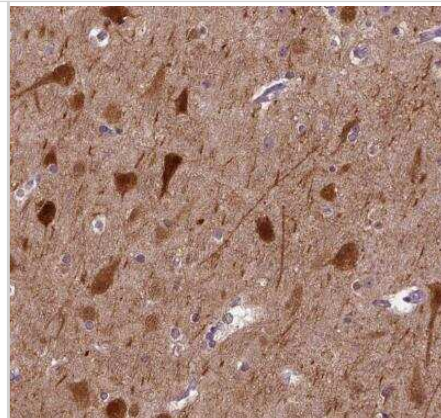
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Staining of human pancreas.



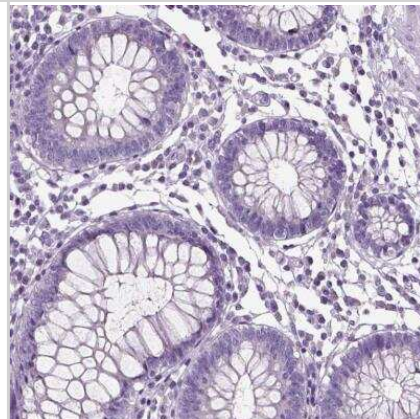
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Staining of human liver shows not positivity in hepatocytes as expected.



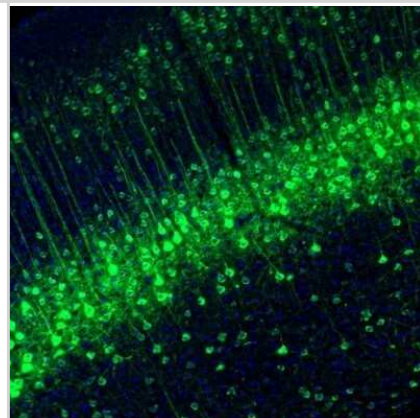
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Staining human cerebral cortex shows strong cytoplasmic positivity in neurons.



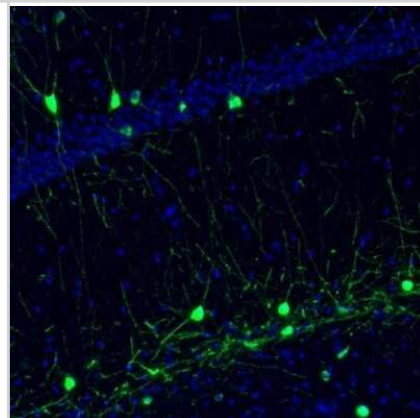
Immunohistochemistry-Paraffin: NECAB1 Antibody [NBP1-84004] - Staining of human colon shows no positivity in glandular cells as expected.



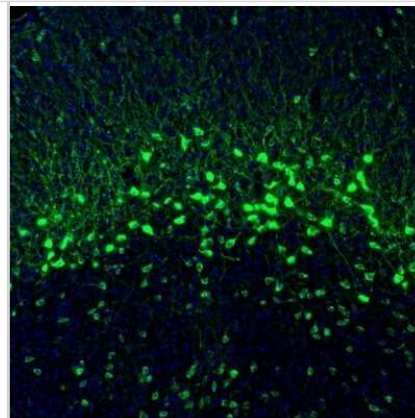
Immunohistochemistry: NECAB1 Antibody [NBP1-84004] - Staining of mouse parietal association cortex shows distinct positivity in layer 4 neurons.



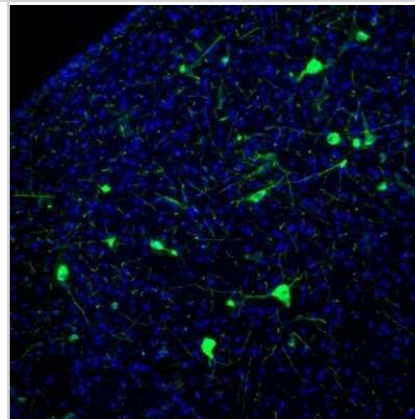
Immunohistochemistry: NECAB1 Antibody [NBP1-84004] - Staining of mouse hippocampus shows immunoreactivity in a subset of interneurons.



Immunohistochemistry: NECAB1 Antibody [NBP1-84004] - Staining of mouse superior colliculi shows positivity in a subset of neurons.



Immunohistochemistry: NECAB1 Antibody [NBP1-84004] - Staining of mouse vestibular nucleus shows immunoreactivity in a subset of neurons.



Publications

Aquiles A, Fiordeliso T, Luna-Munguia H, Concha L. Altered functional connectivity and network excitability in a model of cortical dysplasia *Scientific Reports* 2023-07-30 [PMID: 37518675] (Immunocytochemistry/Immunofluorescence)

Jgamadze D, Lim J, Zhang Z et al. Structural and functional integration of human forebrain organoids with the injured adult rat visual system *Cell Stem Cell* 2023-02-01 [PMID: 36736289] (IHC-Fr)

Details:

Organoids of human origin, grafted into Rats

Zhang MD, Tortoriello G, Hsueh B et al. Neuronal calcium-binding proteins 1/2 localize to dorsal root ganglia and excitatory spinal neurons and are regulated by nerve injury. *Proc Natl Acad Sci U S A* 2014-03-25 [PMID: 24616509]



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Products Related to NBP1-84004

NBP1-84004PEP	NECAB1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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