

Product Datasheet

CLIC4 Antibody - BSA Free

NBP1-85574

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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NBP1-85574

CLIC4 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

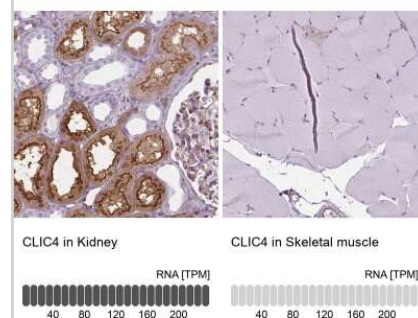
Host	Rabbit
Gene ID	25932
Gene Symbol	CLIC4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: THPPFITFNSEVKTDV NKIEEFLEEVLCP PKY LKLSPKHPESNTAGMDIFAKFSA YIKNSRPEANEALERGLLKT LQKLDEY LNSPLPDEIDENS MEDIKFSTRKFLDGN EMTLADCNLLPKLHIVKV VAKKYRNF DIPKEMTGI

Product Application Details

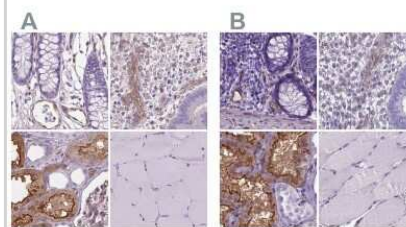
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

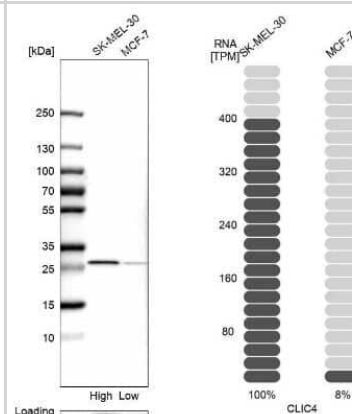
Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Staining in human kidney and skeletal muscle tissues using anti-CLIC4 antibody. Corresponding CLIC4 RNA-seq data are presented for the same tissues.



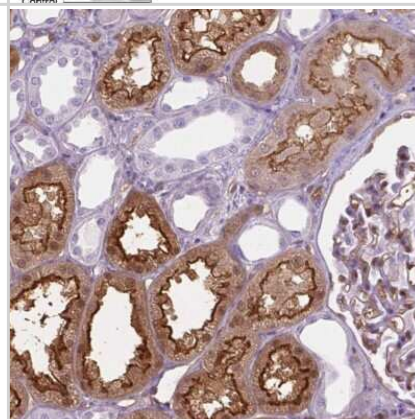
Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Staining of human colon, endometrium, kidney and skeletal muscle using Anti-CLIC4 antibody NBP1-85574 (A) shows similar protein distribution across tissues to independent antibody NBP2-49321 (B).



Western Blot: CLIC4 Antibody [NBP1-85574] - Analysis in human cell lines SK-MEL-30 and MCF-7 using anti-CLIC4 antibody. Corresponding CLIC4 RNA-seq data are presented for the same cell lines. Loading control: anti-PFN1.



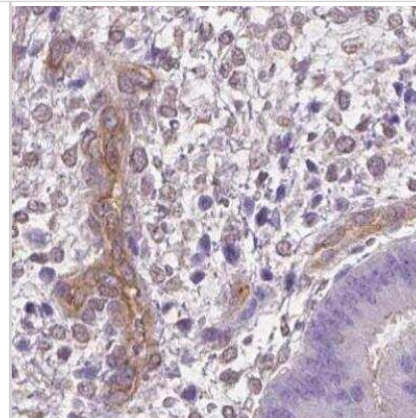
Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Staining of human kidney shows high expression.



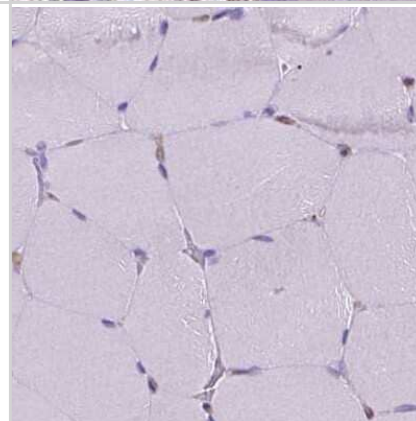
Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Staining of human colon using Anti-CLIC4 antibody.



Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Human endometrium using Anti-CLIC4 antibody.



Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-85574] - Staining of human skeletal muscle using Anti-CLIC4 antibody NBP1-85574.



Publications

Mao Y, Kleinjan ML, Jilishitz I et al. CLIC1 and CLIC4 mediate endothelial S1P receptor signaling to facilitate Rac1 and RhoA activity and function Science signaling 2021-04-20 [PMID: 33879602]

Yan H, Zhang X, Hu W et al. Histamine H3 receptors aggravate cerebral ischaemic injury by histamine-independent mechanisms. Nat Commun 2014-02-25 [PMID: 24566390]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Lomnytska MI, Becker S, Gemoll T et al. Impact of genomic stability on protein expression in endometrioid endometrial cancer. Br J Cancer 2012-03-27 [PMID: 22415234]



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Products Related to NBP1-85574

NBP1-85574PEP	CLIC4 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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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