

# Product Datasheet

## CLIC4 Antibody NBP1-00172

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-00172**

## CLIC4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat CLIC4 Antibody (NBP1-00172) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-CLIC4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	25932
Gene Symbol	CLIC4
Species	Human, Mouse
Immunogen	Peptide with sequence NGLKEEDKEPLIE-C corresponding to N-Terminus according to NP_039234.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1-0.3 ug/ml, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA detection limit 1:64000
Application Notes	IF: Min6 cells transiently expressing mouse Clic4 shows cytoplasmic staining of two cells. WB: Approx. 30 kDa band observed in human kidney and human placenta lysates is reported in scientific literature (PMID: 10070163).

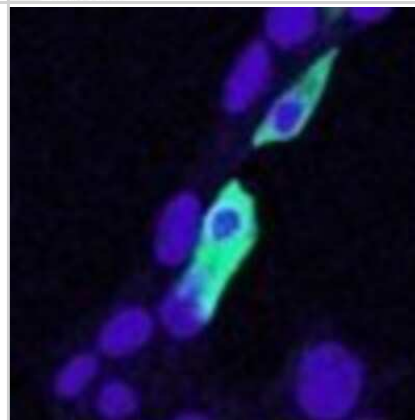


## Images

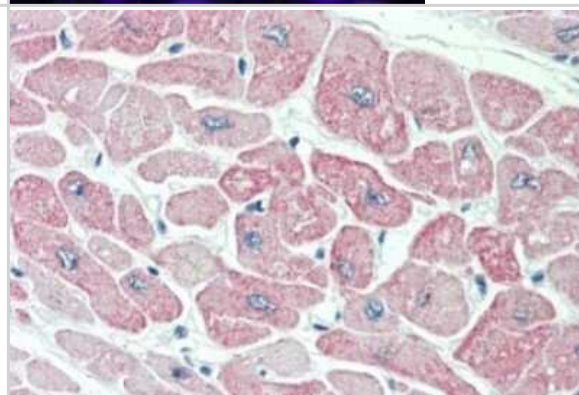
Western Blot: CLIC4 Antibody [NBP1-00172] - (0.1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunocytochemistry/Immunofluorescence: CLIC4 Antibody [NBP1-00172] - (5ug/ml) staining of min6 cells transiently expressing mouse Clic4. Nuclear counter staining by Hoechst. Data kindly provided by Dr. Virginie Nepote, Lausanne University, Switzerland.



Immunohistochemistry-Paraffin: CLIC4 Antibody [NBP1-00172] - (5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

James J, Dekan A, Niihori M et al. Novel Populations of Lung Capillary Endothelial Cells and Their Functional Significance Research square 2023-05-03 [PMID: 37205391] (IHC-P, FLOW, Rat)

Suh KS, Crutchley JM, Koochek A et al. Reciprocal modifications of CLIC4 in tumor epithelium and stroma mark malignant progression of multiple human cancers. Clin Cancer Res 2007-01-01 [PMID: 17200346]



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### Products Related to NBP1-00172

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NBL1-09269	CLIC4 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### 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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