

# Product Datasheet

## CLIC4 Antibody NBP1-00172

Unit Size: 0.1 mg

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

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**NBP1-00172****CLIC4 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	25932
<b>Gene Symbol</b>	CLIC4
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Peptide with sequence NGLKEEDKEPLIE-C corresponding to N-Terminus according to NP_039234.1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1-0.3 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Immunohistochemistry-Paraffin, Peptide ELISA detection limit 1:64000
<b>Application Notes</b>	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).

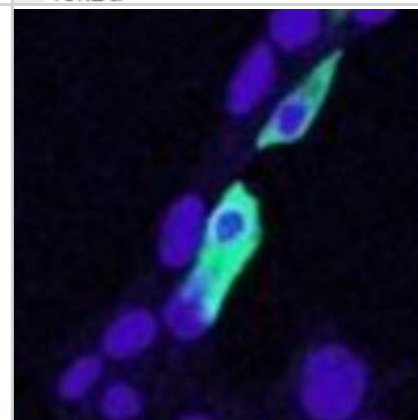


## Images

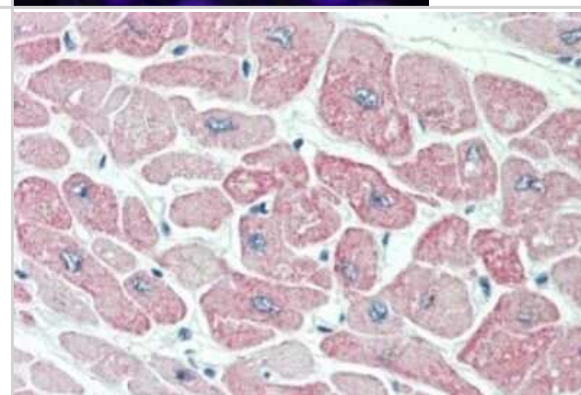
Western Blot: CLIC4 Antibody [NBP1-00172] - (0.1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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**

NBL1-09269	CLIC4 Overexpression Lysate
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

### **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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