

**CLIC1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20511c**

**Specification**

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**CLIC1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O00299</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26923
Antigen Region	136-166

**CLIC1 Antibody (Center) - Additional Information**

**Gene ID** 1192

**Other Names**

Chloride intracellular channel protein 1, Chloride channel ABP, Nuclear chloride ion channel 27, NCC27, Regulatory nuclear chloride ion channel protein, hRNCC, CLIC1, G6, NCC27

**Target/Specificity**

This CLIC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-166 amino acids from the Central region of human CLIC1.

**Dilution**

WB~~1:1000

**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**

CLIC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CLIC1 Antibody (Center) - Protein Information**

**Name** CLIC1

**Synonyms** G6, NCC27

**Function** Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxidizing conditions. Involved in regulation of the cell cycle.

#### Cellular Location

Nucleus. Nucleus membrane; Single-pass membrane protein. Cytoplasm. Cell membrane; Single-pass membrane protein. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q6MG61}. Note=Mostly in the nucleus including in the nuclear membrane (PubMed:12681486, PubMed:9139710). Small amount in the cytoplasm and the plasma membrane (PubMed:9139710). Exists both as soluble cytoplasmic protein and as membrane protein with probably a single transmembrane domain (PubMed:11551966, PubMed:11940526, PubMed:12681486, PubMed:14613939, PubMed:9139710). Might not be present in the nucleus of cardiac cells (By similarity) {ECO:0000250|UniProtKB:Q6MG61, ECO:0000269|PubMed:11551966, ECO:0000269|PubMed:11940526, ECO:0000269|PubMed:12681486, ECO:0000269|PubMed:14613939, ECO:0000269|PubMed:9139710}

#### Tissue Location

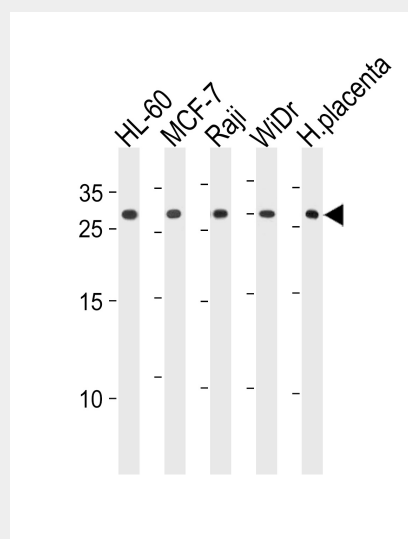
Expression is prominent in heart, placenta, liver, kidney and pancreas.

### CLIC1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CLIC1 Antibody (Center) - Images



CLIC1 Antibody (Center) (Cat. #AP20511c) western blot analysis in HL-60, MCF-7, Raji, WiDr cell line and human placenta tissue lysates (35ug/lane). This demonstrates the CLIC1 antibody detected the CLIC1 protein (arrow).

**CLIC1 Antibody (Center) - Background**

Can insert into membranes and form chloride ion channels. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Involved in regulation of the cell cycle.

**CLIC1 Antibody (Center) - References**

Xie T., et al. Genome Res. 13:2621-2636(2003).  
Shiina S., et al. Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.  
Valenzuela S.M., et al. J. Biol. Chem. 272:12575-12582(1997).  
Noh Y.H., et al. Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.  
Chuang J.Z., et al. J. Neurosci. 19:2919-2928(1999).