

Rabbit CLIC1 Polyclonal Antibody | anti-CLIC1 antibody

Anti-CLIC1 Antibody Picoband

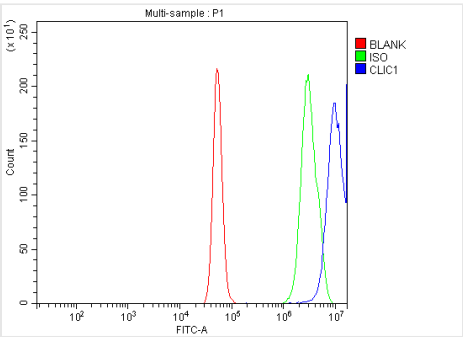
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126224	Rabbit	Human, Rat, Monkey	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

CLIC1; Polyclonal Antibody; Anti-CLIC1 Antibody Picoband; anti-CLIC1 antibody

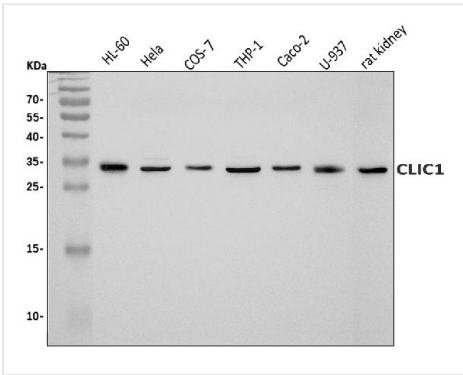
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-CLIC1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human CLIC1 recombinant protein (Position: D47-K241).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of A431 cells using anti-CLIC1 antibody (AAA126224).Overlay histogram showing A431 cells stained with AAA126224 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-CLIC1 Antibody (AAA126224, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of CLIC1 using anti-CLIC1 antibody (AAA126224).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HL-60 whole cell lysates,Lane 2: human Hela whole cell lysates,Lane 3: monkey COS-7 whole cell lysates,Lane 4: human THP-1 whole cell lysates,Lane 5: human Caco-2 whole cell lysates,Lane 6: human U-937 whole cell lysates,Lane 7: rat kidney tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CLIC1 antigen affinity purified polyclonal antibody (#AAA126224) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for CLIC1 at approximately 32 kDa. The expected band size for CLIC1 is at 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CLIC1 antibody	Chloride intracellular channel protein 1 is a protein that in humans is encoded by the CLIC1 gene. Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. Chloride intracellular channel 1 is a member of the p64 family; the protein localizes principally to the cell nucleus and exhibits both nuclear and plasma membrane chloride ion channel activity.
Product Categories/Family for anti-CLIC1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	567757607
NCBI GeneID	1192
NCBI Accession #	NP_001274522.1
NCBI GenBank Nucleotide #	NM_001287593.1
UniProt Accession #	O00299; Q15089; Q502X1
Molecular Weight	26,923 Da
NCBI Official Full Name	chloride intracellular channel protein 1
NCBI Official Synonym Full Names	chloride intracellular channel 1
NCBI Official Symbol	CLIC1
NCBI Official Synonym Symbols	G6; NCC27
NCBI Protein Information	chloride intracellular channel protein 1; RNCC protein; chloride channel ABP; hRNCC; nuclear chloride ion channel 27; nuclear chloride ion channel protein; p64CLCP; regulatory nuclear chloride ion channel protein

UniProt Protein Name	Chloride intracellular channel protein 1
UniProt Gene Name	CLIC1
UniProt Synonym Gene Names	G6; NCC27; NCC27; hRNCC
UniProt Entry Name	CLIC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/clic1-antibody-flow-cytometry-western-blot-elisa/126224>