

Rabbit CLIC1 Polyclonal Antibody | anti-CLIC1 antibody

[KD Validated] CLIC1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282436	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CLIC1; Polyclonal Antibody; [KD Validated] CLIC1 Rabbit pAb; G6; CL1C1; NCC27; CLCNL1; anti-CLIC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	NVTTVDTKRR TETVQKLC PGQLPFLLYGT EVHTDTNKIE EFLEAVLCPP RYPKLAALNP ESNTAGLDIF AKFSAYIKNS NPALNDNLEK GLLKALKVLD NYLTSPLEEE VDETSAEDEG VSQRKFLDGN ELTLADCNLL PKLHIVQVVC KKYRGFTIPE AFRGVHRYLS NAYAREEFAS TCPDDEEIEL AYEQVAKALK
Applicable Applications for anti-CLIC1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cellular Location	Cell membrane, Cytoplasm, Nucleus, Nucleus membrane, Single-pass membrane protein
Research Area	Cancer, Signal Transduction, Endocrine Metabolism, Neuroscience, Calcium Signaling
Immunogen	Recombinant protein of human CLIC1.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using [KO Validated] CLIC1 Rabbit pAb (AAA282436) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of K-562 cells using [KO Validated] CLIC1 Rabbit pAb (AAA282436) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



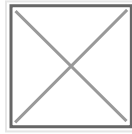
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts of HeLa cells using 3 ug [KO Validated] CLIC1 Rabbit pAb (AAA282436). Western blot was performed from the immunoprecipitate using [KO Validated] CLIC1 Rabbit pAb (AAA282436) at a dilution of 1:2000.



WB (Western Blot)

Western blot analysis of extracts from wild type(WT) and CLIC1 knockdown (KD) HeLa cells, using CLIC1 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of MCF7, using CLIC1 Rabbit pAb (AAA282436) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CLIC1 antibody	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	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.

