

Mouse anti-Human CLIC4 Monoclonal Antibody | anti-CLIC4 antibody

CLIC4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283491	Mouse	Human	Immunohistochemistry, ELISA, Western Blot

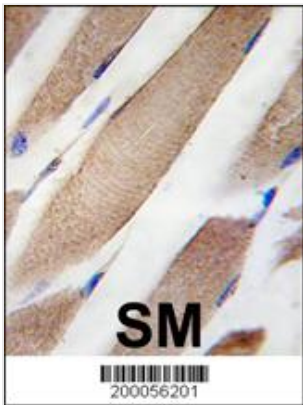
PRODUCT SYNONYMS

CLIC4; Monoclonal Antibody; CLIC4 Antibody; Chloride intracellular channel protein 4; Intracellular chloride ion channel protein p64H1; anti-CLIC4 antibody

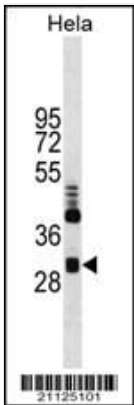
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1?
Clone Number	17CT9.2.8
Specificity	Purified His-tagged CLIC4 protein was used to produced this monoclonal antibody.
Purity/Purification	Unpurified Mouse Monoclonal Antibody (Mab)
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Length	253
Applicable Applications for anti-CLIC4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with CLIC4 Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-CLIC4 Monoclonal Antibody in HeLa cell line lysates. CLIC4(arrow) was detected using the ascites Mab.

ADDITIONAL INFORMATION

Related Product Information for anti-CLIC4 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 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family; the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells).
Product Categories/Family for anti-CLIC4 antibody	Cell Biology; Metabolism; Signal transduction
References	Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Mutation detection in candidate genes for benign familial infantile seizures on a novel locus. Li N, et al. Int J Neurosci, 2010 Mar. PMID 20374090. Spatiotemporal regulation of chloride intracellular channel protein CLIC4 by RhoA. Ponsioen B, et al. Mol Biol Cell, 2009 Nov. PMID 19776349. S100A4 and bone morphogenetic protein-2 codependently induce vascular smooth muscle cell migration via phospho-extracellular signal-regulated kinase and chloride intracellular channel 4. Spiekerkoetter E, et al. Circ Res, 2009 Sep 25. PMID 19713532. CLIC4 mediates TGF-beta1-induced fibroblast-to-myofibroblast transdifferentiation in ovarian cancer. Yao Q, et al. Oncol Rep, 2009 Sep. PMID 19639201.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7330335
NCBI GeneID	25932
NCBI Accession #	NP_039234.1
NCBI GenBank Nucleotide #	NM_013943.2
UniProt Accession #	Q9Y696; Q9UFW9; Q9UQJ6
Molecular Weight	28772
NCBI Official Full Name	chloride intracellular channel protein 4
NCBI Official Synonym Full Names	chloride intracellular channel 4
NCBI Official Symbol	CLIC4
NCBI Official Synonym Symbols	H1; huH1; p64H1; CLIC4L; MTCLIC
NCBI Protein Information	chloride intracellular channel protein 4

UniProt Protein Name	Chloride intracellular channel protein 4
UniProt Gene Name	CLIC4
UniProt Entry Name	CLIC4_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/monoclonal/clic4-antibody-clone-17ct9-2-8-immunohistochemistry-western-blot-elisa/283491>