

Rabbit CLCN2 Polyclonal Antibody | anti-CLCN2 antibody

CLCN2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284763	Rabbit	Human, mouse (Predicted Reactivity: Rabbit, Rat)	ELISA, Western Blot

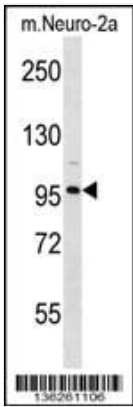
PRODUCT SYNONYMS

CLCN2; Polyclonal Antibody; CLCN2 Antibody (N-term); Chloride channel protein 2; CIC-2; anti-CLCN2 antibody

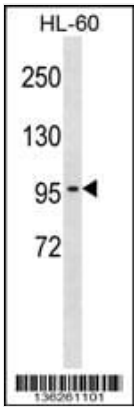
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLCN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-237 amino acids from the N-terminal region of human CLCN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	209-237
Sequence Length	869
Applicable Applications for anti-CLCN2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



WB (Western Blot)
CLCN2 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the CLCN2 antibody detected the CLCN2 protein (arrow).



WB (Western Blot)
CLCN2 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CLCN2 antibody detected the CLCN2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CLCN2 antibody	The transmembrane protein encoded by this gene is a voltage-gated chloride channel that maintains chloride ion homeostasis in various cells. Defects in this gene may be a cause of certain epilepsies. Four transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CLCN2 antibody	Metabolism ; Neuroscience ; Signal Transduction
References	Scheper, G.C., et al. Genet Test Mol Biomarkers 14(2):255-257(2010) Cornejo, I., et al. J. Cell. Physiol. 221(3):650-657(2009) Thompson, C.H., et al. J. Biol. Chem. 284(38):26051-26062(2009) Kleefuss-Lie, A., et al. Nat. Genet. 41(9):954-955(2009) Klaus, F., et al. Biochem. Biophys. Res. Commun. 381(3):407-411(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	283806616
NCBI GeneID	1181
NCBI Accession #	NP_001164558.1; NP_001164559.1; NP_001164560.1; NP_004357.3
NCBI GenBank Nucleotide #	NM_001171087.2
UniProt Accession #	P51788; O14864; Q6IPA9; Q8WU13; B4DQT9; B4DZ58; E9PBD9; E9PCD2
Molecular Weight	98535
NCBI Official Full Name	chloride channel protein 2 isoform 2
NCBI Official Synonym Full Names	chloride channel, voltage-sensitive 2
NCBI Official Symbol	CLCN2
NCBI Official Synonym Symbols	CLC2; ECA2; ECA3; EGI3; EGMA; EJM6; EJM8; CIC-2; EGI11; LKPAT; cIC-2
NCBI Protein Information	chloride channel protein 2
UniProt Protein Name	Chloride channel protein 2
UniProt Gene Name	CLCN2
UniProt Synonym Gene Names	CIC-2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clcn2-antibody-western-blot-elisa/284763>