

Goat CLCN2 Antibody | anti-CLCN2 antibody

Goat anti-CLCN2 Antibody

CATALOG # AAA61864	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CLCN2; Goat anti-CLCN2 Antibody; chloride channel 2; CIC-2; CLC2; ECA2; ECA3; EGI11; EGI3; EGMA; EJM6; EJM8; Epilepsy; idiopathic generalized; susceptibility to; anti-CLCN2 antibody

PRODUCT SPECIFICATIONS

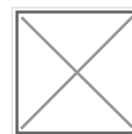
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-CLCN2 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence SEKLESCEKRKLKR, from the internal region of the protein sequence according to NP_004357.3.
Epitope	internal region
Notes	This antibody is expected to recognize all reported isoforms (NP_004357.3; NP_001164558.1; NP_001164559.1; NP_001164560.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



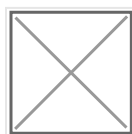
IHC (Immunohistochemistry)

AAA61864 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



IHC (Immunohistochemistry)

AAA61864 (8ug/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



IHC (Immunohistochemistry)

AAA61864 (3.75ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ADDITIONAL INFORMATION

References	Cornejo I, Niemeyer MI, Zuniga L, Yusef YR, Sepulveda FV, Cid LP; Rapid recycling of CIC-2 chloride channels between plasma membrane and endosomes: role of a tyrosine endocytosis motif in surface retrieval.; Journal of cellular physiology 2009 Dec 221 (3): 650-7.; PMID: 19711355
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156104869
NCBI GeneID	1181
NCBI Accession #	NP_004357.3
NCBI GenBank Nucleotide #	NM_004366.5
UniProt Accession #	P51788; O14864; Q6IPA9; Q8WU13; B4DQT9; B4DZ58; E9PBD9; E9PCD2
Molecular Weight	95,399 Da
NCBI Official Full Name	chloride channel protein 2 isoform 1
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; chloride channel 2
UniProt Protein Name	Chloride channel protein 2
UniProt Gene Name	CLCN2
UniProt Synonym Gene Names	CIC-2
UniProt Entry Name	CLCN2_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.

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Online datasheet: <https://stage.aaabiotech.com/goat-human-mouse-rat-antibody/clcn2/61864>