

Datasheet

CLCN4 polyclonal antibody

Catalog Number: PAB22540

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant CLCN4.

Immunogen: Recombinant protein corresponding to amino acids of human CLCN4.

Sequence:

VVSRDSERLIGFAQRRELILAIKNARQRQEGIVSNSIMY
FTEEPPELPANSPHPLKLRRILNLS

Host: Rabbit

Reactivity: Human

Applications: IHC-P

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (1:20-1:50)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1183

Gene Symbol: CLCN4

Gene Alias: CLC4, CIC-4, CIC-4A, MGC163150

Gene Summary: The CLCN family of

voltage-dependent chloride channel genes comprises nine members (CLCN1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. Chloride channel 4 has an evolutionary conserved CpG island and is conserved in both mouse and hamster. This gene is mapped in close proximity to APXL (Apical protein *Xenopus laevis*-like) and OA1 (Ocular albinism type I), which are both located on the human X chromosome at band p22.3. The physiological role of chloride channel 4 remains unknown but may contribute to the pathogenesis of neuronal disorders. [provided by RefSeq]