

Anti-Human/Mouse/Rat/Monkey CLCN6 Polyclonal Antibody
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Cat.NO.: PA02857

3th Edition

Description: This gene encodes a member of the voltage-dependent chloride channel protein family. Members of this family can function as either chloride channels or antiporters. This protein is primarily localized to late endosomes and functions as a chloride/proton antiporter. Alternate splicing results in both coding and non-coding variants. Additional alternately spliced variants have been described but their full-length structure is unknown. CLCN6 (Chloride Voltage-Gated Channel 6) is a Protein Coding gene. Diseases associated with CLCN6 include Benign Familial Infantile Epilepsy. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and HIV Life Cycle. GO annotations related to this gene include ion channel activity and voltage-gated chloride channel activity. An important paralog of this gene is CLCN7.

Antigen: Synthesized peptide derived from the Internal region of human CLC-6

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Testis, ovary, small intestine, brain and skeletal muscle. Low level expression in aortic and coronary vascular smooth muscle cells, and aortic endothelial cells. Isoform 3 is only detected in kidney.