A12422

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CLCN7 Rabbit pAb

Catalog No.: A12422

Basic Information

Observed MW

Calculated MW
89kDa

Category
Polyclonal Antibody

Applications
ELISA

Cross-Reactivity
Human

Background

The product of this gene belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. This gene encodes chloride channel 7. Defects in this gene are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosoml dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood.

Recommended Dilutions

ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1186

Swiss Prot
P51798

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 626-805 of human CLCN7 (NP_001278.1).

Synonyms
HOD; CLC7; CLC-7; OPTA2; OPTB4; PPP1R63; CLCN7

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.