CLCN7 Rabbit Polyclonal Antibody

CAB6886

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

89kDa/110kDa

Calculated MW:

86kDa/88kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
1186

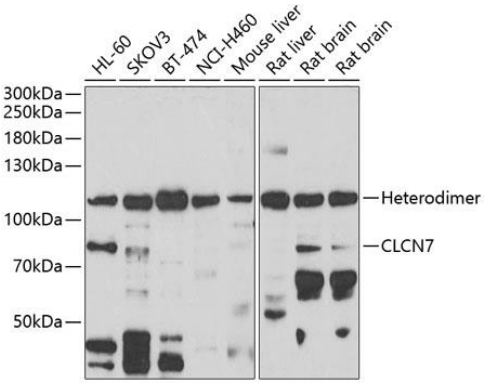
Uniprot
P51798

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

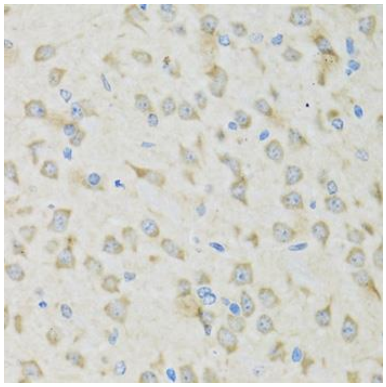
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 626-805 of human CLCN7 (NP_001278.1).

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

Product Images



Western blot analysis of extracts of various cell lines, using CLCN7 antibody (CAB6886) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution._Lysates/proteins: 25ug per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (CABM00021)._Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse brain using CLCN7 antibody (CAB6886) at dilution of 1:100 (40x lens).

