CLCN7 Antibody

Catalog No: #46511

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

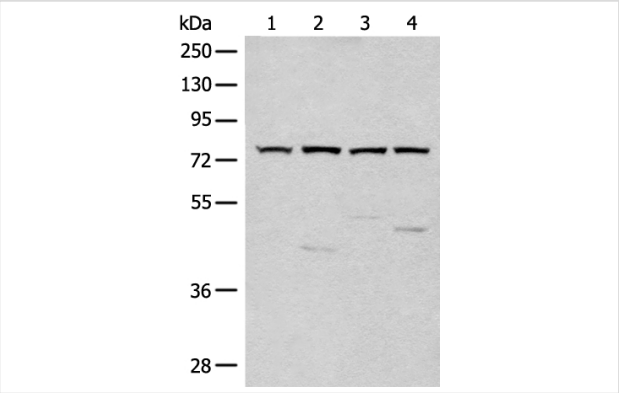
Product Name	CLCN7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CLCN7 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human CLCN7
Target Name	CLCN7
Other Names	CLC7; CLC-7; OPTA2; OPTB4; PPP1R63
Accession No.	Swiss-Prot:P51798NCBI Gene ID:1186NCBI Protein:BC012737
Uniprot	P51798
GeneID	1186;
Calculated MW	89 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry:

Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane 1-4: LoVo and A549 cellB£B¬Mouse liver tissue and Rat liver tissue lysates,
Primary antibody: 46511B£B¨CLCN7 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 20 seconds

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.

Note: This product is for in vitro research use only