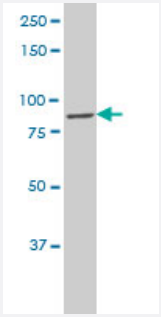
CLCN7 polyclonal antibody (A01)

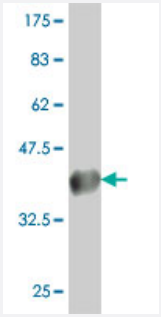
Catalog # H00001186-A01 Size 50 uL

Applications



Western Blot (Cell lysate)

CLCN7 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of CLCN7 expression in HL-60 (Cat # L014V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CLCN7.
Immunogen	CLCN7 (NP_001278, 706 a.a. ~ 805 a.a) partial recombinant protein with GST tag.
Sequence	LRLKDFRDAYPRFPPIQSIHVSQDERECTMDLSEFMNPSPYTVPQEASLPRVFKLFRALGLRHLV VVDNRNQVVGLVTRKDLARYRLGKRGLEELSLAQT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  CLCN7 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of CLCN7 expression in HL-60 (Cat # L014V1).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — CLCN7

Entrez GeneID	1186
GeneBank Accession#	NM_001287
Protein Accession#	NP_001278
Gene Name	CLCN7
Gene Alias	CLC-7, CLC7, FLJ26686, FLJ39644, FLJ46423, OPTA2, OPTB4
Gene Description	chloride channel 7
Omim ID	166600 259700 602727
Gene Ontology	Hyperlink

Gene Summary	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. [provided by RefSeq
Other Designations	-

Disease

- Genetic Predisposition to Disease
- Osteopetrosis
- Osteoporosis