



CLC-7 Polyclonal Antibody

Cat No: HR1AP3104

For research use only

Overview

Product Name	CLC-7 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	90kDa
GenID?Human?	CLCN7
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CLCN7; H(+)/Cl(-) exchange transporter 7; Chloride channel 7 alpha subunit; Chloride channel protein 7; CIC-7
Background	chloride voltage-gated channel 7(CLCN7) Homo sapiens 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 autosomal 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, Jul 2008],