DNAxPAb | Hard-to-Find Antibody

CLCN7 DNAxPab

Catalog # H00001186-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CLCN7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CLCN7

Entrez GeneID	1186
GeneBank Accession#	NM_001287.3
Protein Accession#	NP_001278.1
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