Datasheet for ABIN1679253

anti-CLCNKA antibody (AA 470-644)

Go to Product page

1 Image

Overview

Quantity:	100 µg
Target:	CLCNKA
Binding Specificity:	AA 470-644
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLCNKA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 470-644 of human CLCNKA (NP_001244068.1).
Sequence:	QSCQPSFYDG TIIVKKLPYL PRILGRNIGS HHVRVEHFMN HSITTLAKDT PLEEVVKVVT STDVTEYPLV ESTESQILVG IVQRAQLVQA LQAEPPSRAP GHQQCLQDIL ARGCPTEPVT LTLFSETTLH QAQNLFKLLN LQSLFVTSRG RAVGCVSWVE MKKAISNLTN PPAPK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

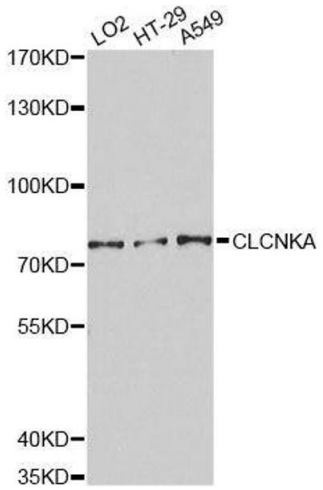
Target:	CLCNKA
Alternative Name:	CLCNKA (CLCNKA Products)
Background:	This gene is a member of the CLC family of voltage-gated chloride channels. The encoded protein is predicted to have 12 transmembrane domains, and requires a beta subunit called barttin to form a functional channel. It is thought to function in salt reabsorption in the kidney and potassium recycling in the inner ear. The gene is highly similar to CLCNKB, which is located 10 kb downstream from this gene. Multiple transcript variants encoding different isoforms have been found for this gene.,CLCNKA,CLCK1,ClC-K1,hClC-Ka,Cancer,Signal Transduction,Endocrine & Metabolism,Neuroscience,CLCNKA
Molecular Weight:	70 kDa/75 kDa
Gene ID:	1187
UniProt:	P51800
Pathways:	Response to Water Deprivation

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CLCNKA Antibody.

