CLCNKB Antibody

PACO57704

Description

This CLCNKB Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO57704
Contents:	50µg Bradford Reagent: 1 vial (2ml)
Category:	-
Synonyms:	Bartter syndrome type 3 antibody, Chloride channel Kb antibody, Chloride channel kidney B antibody, Chloride channel protein ClC-Kb antibody, Chloride channel voltage sensitive Kb antibody, ClC K2 antibody, ClC-K2 antibody, ClCK2 antibody, CLCKB antibody, CLCKB_HUMAN antibody, CLCNKB antibody, hClC Kb antibody, hClCKb antibody, MGC24087 antibody, OTTHUMP00000011120 antibody, OTTHUMP00000011121 antibody, RP11 5P18.8 antibody
Clone:	Polyclonal
Applications:	ELISA WB IHC IF
Conjugation:	Non-conjugated
Reactivity:	Human, Rat

Antibody Data

Isotype:	IgG
Uniprot:	P51801
Host Species:	Rabbit
Purification:	>95%, Protein G purified
Immunogen:	Recombinant Human Chloride channel protein ClC-Kb protein (538-687AA)
Immunogen Species:	Homo sapiens (Human)

Buffer:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Form:	Liquid

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Store Bradford Reagent at Room Temperature for 1 Year.

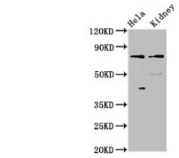
Recommended Dilutions:

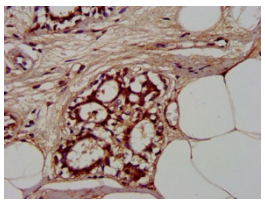
Application	Recommended Dilution
WB	1:500-1:5000
IHC	1:200-1:500
IF	1:50-1:200

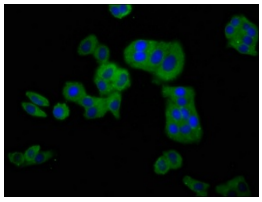
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

Image







Description

Western Blot Positive WB detected in: Hela whole cell lysate, Rat kidney tissue All lanes: CLCNKB antibody at 3µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 76, 57 kDa Observed band size: 76 kDa

IHC image of PACO57704 diluted at 1:300 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence staining of HepG2 cells with PACO57704 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).