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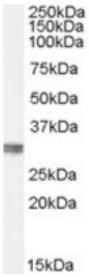
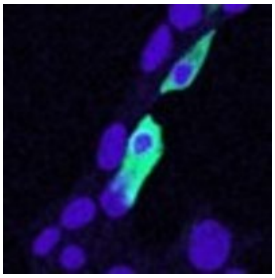
CLIC4 Antibody

CATALOG NUMBER: 46-645



Western blot analysis of CLIC4 in human kidney lysate (35 ug protein in RIPA buffer) using CLIC4 Antibody at 0.1 ug/mL.



Staining of min6 cells transiently expressing mouse CIC4 (5 ug/mL). nuclear counter staining by Hoechst.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, IF, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:64000. Western Blot: Approximately 30 kDa band observed in human kidney and human placenta lysates (calculated MW of 28.8 kDa according to NP_039234.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Edwards et al, Am J Physiol. 1999 Mar;276 (3 Pt 2) :F398-408.; PMID: 10070163). Recommended concentration: 0.1-0.3 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
IMMUNOGEN:	CLIC4 antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of CLIC4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	CLIC4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	CLIC4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CLIC4, chloride intracellular channel 4, CLIC4L, DKFZP566G223, FLJ38640, H1, huH1, p64H1, chloride intracellular channel 4 like, MTCLIC
ACCESSION NO.:	NP_039234.1
PROTEIN GI NO.:	7330335
OFFICIAL SYMBOL:	CLIC4

GENE ID:	25932

Background

REFERENCES:	1) Suh KS, Crutchley JM, Koochek A, Ryscavage A, Bhat K, Tanaka T, Oshima A, Fitzgerald P, Yuspa SH. Reciprocal modifications of CLIC4 in tumor epithelium and stroma mark malignant progression of multiple human cancers. Clin Cancer Res. 2007 Jan 1;13(1):121-31.

December 13, 2016