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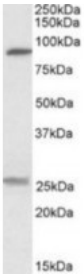
SLC4A11 Antibody

CATALOG NUMBER: 42-240



Western blot analysis of SLC4A11 in human kidney lysate (35 ug protein in ripa buffer) using SLC4A11 Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 90 kDa band observed in human, mouse and rat kidney lysates (calculated MW of 99.6 kDa according to NP_114423.1). Recommended concentration: 0.3-1 ug/mL. an additional band of unknown identity was also consistently observed at 26 kDa . This band was successfully blocked by incubation with the immunizing peptide.
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
IMMUNOGEN:	SLC4A11 antibody was raised against a 15 amino acid synthetic peptide near the internal region of SLC4A11.
HOST SPECIES:	Goat

Properties

PURIFICATION:	SLC4A11 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	SLC4A11 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:	SLC4A11, solute carrier family 4, sodium bicarbonate transporter-like, member 11, solute carrier family 4 member 11, sodium-coupled borate cotransporter 1, bicarbonate transporter related protein 1, OTTHUMP00000030097, dJ794I6.2, NABC1, MGC126419, MGC126418, CHED2, CDPD1, CDPD, BTR1, sodium borate transporter, SLC4A11
ACCESSION NO.:	NP_114423.1

PROTEIN GI NO.:	14042960
OFFICIAL SYMBOL:	SLC4A11
GENE ID:	83959

Background

REFERENCES:	1) Hemadevi B, Veitia RA, Srinivasan M, Arunkumar J, Prajna NV, Lesaffre C, Sundaresan P. Identification of mutations in the SLC4A11 gene in patients with recessive congenital hereditary endothelial dystrophy. Archives of ophthalmology 2008 May 126 (5): 700-8.

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