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anti-SLC4A11 antibody (Internal Region)

2 Images



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Overview

Quantity:	100 μg
Target:	SLC4A11
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC4A11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	SLC4A11 / BTR1
Immunogen:	Peptide with sequence C-HTSRKYLKLKNFKEE, from the internal region of the protein sequence according to NP_114423.1.
Sequence:	HTSRKYLKLK NFKEE
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SLC4A11
Alternative Name:	SLC4A11 (SLC4A11 Products)
Background:	SLC4A11, solute carrier family 4, sodium borate transporter, member 11, BTR1, CDPD, CDPD1, CHED2, MGC126418, MGC126419, NABC1, dJ794l6.2, OTTHUMP00000030097, bicarbonate transporter related protein 1, sodium-coupled borate cotransporter 1, solute carrier
Gene ID:	83959, 269356, 311423
NCBI Accession:	NP_114423
Pathways:	Proton Transport

Application Details

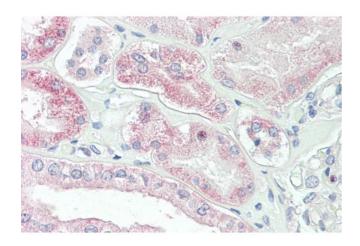
Application Notes:	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration:
	3.75 μg/mL.
	Western Blot: Approx 90 kDa band observed in Human Kidney lysates (calculated MW of
	99.6 kDa according to NP_114423.1). Recommended concentration: 0.3-1 μg/mL. Primary
	incubation was 1 hour. An additional band of unknown identity was also consistently obse
	Peptide ELISA: antibody detection limit dilution 1:32000.

For Research Use only

Handling

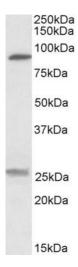
Restrictions:

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571063 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571063 (0.3μg/ml) staining of Human Kidney lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.