

#### **International Office**

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# EB09681 - Goat Anti-SLC4A11 / BTR1 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** SLC4A11, solute carrier family 4, sodium borate transporter, member 11, BTR1, CDPD, CDPD1, CHED2, MGC126418, MGC126419, NABC1, dJ794I6.2, OTTHUMP00000030097, bicarbonate transporter related protein 1, sodium-coupled borate cotransporter 1, solute carrier family 4 member 11, solute carrier family 4, sodium

bicarbonate transporter-like, member 11

Official Symbol: SLC4A11

Accession Number(s): NP\_114423.1

Human GeneID(s): 83959

Non-Human GeneID(s): 269356 (mouse), 311423 (rat)

#### **Immunogen**

Peptide with sequence C-HTSRKYLKLKNFKEE, from the internal region of the protein sequence according to NP\_114423.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

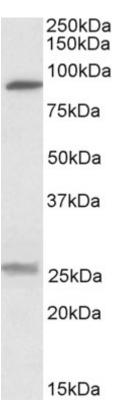
Western blot: Approx 90kDa band observed in Human Kidney lysates (calculated MW of 99.6kDa according to NP\_114423.1). Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 3.75µg/ml.

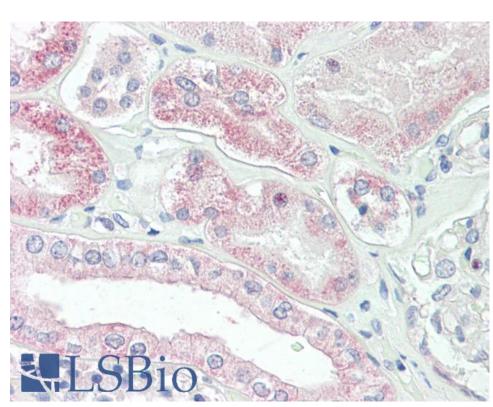
## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB09681 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB09681 (3.75μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.