

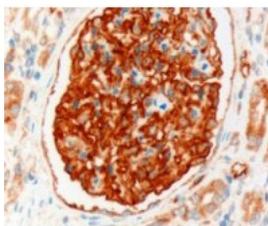


SLC9A3R2 Antibody

CATALOG NUMBER: 46-379



Western blot analysis of SLC9A3R2 in human kidney lysate (35 ug protein in RIPA buffer) using SLC9A3R2 Antibody at 0.3 ug/mL.



Immunohistochemistry staining of SLC9A3R2 in human kidney using SLC9A3R2 Antibody at 3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 38 kDa band observed in human kidney lysates (calculated MW of 37.4 kDa according to BAA33216.1). Recommended concentration: 0.3-1 ug/mL. Immunohistochemistry: In paraffin embedded human kidney shows strong membranous staining in glomerulus-. Recommended concentration, 1-2 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
SPECIFICITY:	Please note that this variant has an extra insertion of 11 residues compared to NP_004776.3. The immunizing peptide represents this insertion.
IMMUNOGEN:	SLC9A3R2 antibody was raised against an 11 amino acid synthetic peptide near the internal region of SLC9A3R2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	SLC9A3R2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	SLC9A3R2 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:	SLC9A3R2, solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2, HGNC:11076, E3KARP, NHE3RF2, NHERF-2, NHERF2, OCTS2, SIP-1, SIP1, TKA-1, sodium/hydrogen exchanger, isoform 3 regulatory
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factor 2, solute carrier family 9 isoform 3 regulator 2

ACCESSION NO.: BAA33216.1

PROTEIN GI NO.: 3618353

OFFICIAL SYMBOL: SLC9A3R2

GENE ID: 9351

Background

REFERENCES: 1) Cha B, Kim JH, Hut H, Hogema BM, Nadarja J, Zizak M, Cavet M, Lee-Kwon W, Lohmann SM, Smolenski A, Tse CM, Yun C, de Jonge HR, Donowitz M. cGMP inhibition of Na⁺/H⁺ antiporter 3 (NHE3) requires PDZ domain adapter NHERF2, a broad specificity protein kinase G-anchoring protein. *J Biol Chem.* 2005 Apr 29;280(17):16642-50. Epub 2005 Feb 18.

FOR RESEARCH USE ONLY

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