UK Office

Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

EB06971 - Goat Anti-NHERF2 (isoform a) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal 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, solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulatory factor 2, solute carrier family 9 isoform 3 regulator 2, solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 2, MGC104639, solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulatory factor 2
Official Symbol: SLC9A3R2
Accession Number(s): NP_001123484.1
Human GeneID(s): 9351
Important Comments: Please note that this variant has an extra insertion of 11 residues compared to NP_004776.3. The immunizing peptide represents this insertion.

Immunogen

Peptide with sequence C-DGSAWKQDPFQ, from the internal region of the protein sequence according to NP_001123484.1.

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 38kDa band observed in human kidney lysates (calculated MW of 37.4kDa according to BAA33216.1). Recommended concentration: 0.3-1µg/ml.
IHC: In paraffin embedded Human Kidney shows strong membranous staining in glomerulus-. Recommended concentration, 1-2µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human

EB06971 (3µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

EB06971 (0.3µg/ml) staining of human kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.