



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11467 - Goat Anti-Slc8a3 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Slc8a3, solute carrier family 8 (sodium/calcium exchanger), member 3, AW742262, MGC90626, Ncx3

Official Symbol: Slc8a3

Accession Number(s): NP_001161392.1; NP_536688.2

Human GeneID(s): [110893](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001161392.1; NP_536688.2).

Immunogen

Peptide with sequence CLRAEAGDSGDVPS, from the N Terminus of the protein sequence according to NP_001161392.1; NP_536688.2.

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 1:64000.

Western blot: Preliminary experiments gave an approx 28kDa band in Mouse Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 102kDa according to NP_001161392.1. The 28kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Mouse