

#### **International Office**

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# 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 GenelD(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