

Goat anti-Slc8a3 (mouse isoform1) Antibody

Item Number	dAP-2637
Target Molecule	Principle Name: Slc8a3 (mouse isoform1); Official Symbol: Slc8a3; All Names and Symbols: Slc8a3; solute carrier family 8 (sodium/calcium exchanger), member 3; AW742262; MGC90626; Ncx3; Accession Number (s): NP_001161392.1; Human Gene ID(s): ; Non-Human GeneID(s): 110893 (mouse)
Immunogen	ERQENFFIALGEPK, is from internal region This antibody is expected to recognize reported mouse isoform1 (NP_001161392.1) only. This antibody is expected to recognize different human isoforms.
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 85kDa 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
IHC	
Reference	Reference(s): Molinaro P, Viggiano D, Nisticò R, Sirabella R, Secondo A, Boscia F, Pannaccione A, Scorziello A, Mehdawy B, Sokolow S, Herchuelz A, Di Renzo GF, Annunziato L. Na ⁺ -Ca ²⁺ exchanger (NCX3) knock-out mice display an impairment in

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**