

Goat anti-Prestin (aa399-411) Antibody

Item Number	dAP-3152
Target Molecule	Principle Name: Prestin (aa399-411); Official Symbol: Slc26a5; All Names and Symbols: Slc26a5; solute carrier family 26, member 5; Pres; prestin; outer hair cell motor protein; prestin; prestin (motor protein); Accession Number (s): NP_109652.3; Human Gene ID(s): 375611; Non-Human GeneID(s): 80979 (mouse) 83891 (rat)
Immunogen	RSLVQEGTGGKTQ, is from internal region The immunizing peptide represents part of an extracellular loop.
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: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any
IHC	
Reference	Reference(s): Pasqualetto E, Aiello R, Gesiot L, Bonetto G, Bellanda M, Battistutta R. Structure of the cytosolic portion of the motor protein prestin and functional role of the STAS domain in SLC26/SulP anion transporters. J Mol Biol. 2010 Jul 16;400(3):448-62..PMID:

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**