

Goat anti-Atoh7 (mouse) Antibody

Item Number	dAP-1154
Target Molecule	Principle Name: Atoh7 (mouse); Official Symbol: Atoh7; All Names and Symbols: Atoh7; atonal homolog 7 (Drosophila); Math; atonal homolog 7; Accession Number (s): NP_058560.1; Human Gene ID(s): ; Non-Human GeneID(s): 53404 (mouse) 365564 (rat)
Immunogen	CEQRGRDHPYLP, is from internal region
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 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 50kDa and 38kDa in Mouse Eye and Rat Optical Nerve lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe.
IHC	
Reference	Reference(s): Brown NL, Dagenais SL, Chen CM, Glaser T. Molecular characterization and mapping of ATOH7, a human atonal homolog with a predicted role in retinal ganglion cell development. Mamm Genome. 2002 Feb;13(2):95-101.. PMID: 11833312

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 end users! This product is sold for **Research Use Only**