

GOAT ANTI-ATOH7 (MOUSE) ANTIBODY

SKU: EB07972



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Alias Atoh7|ataonal homolog 7 (Drosophila)|Math|ataonal homolog 7

Names

Accession ID NP_058560.1

Blocking Peptide EBP07972

Immunogen Peptide with sequence CEQRGRDHPYLP, from the internal region of the protein sequence according to NP_058560.1.

Peptide Sequence CEQRGRDHPYLP

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Mouse, Rat

Mouse Gene ID 53404

Rat Gene ID 365564

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

ELISA

Detection Limit Antibody detection limit dilution 1:32000.

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 given the calculated size of 16.9kDa according to NP_058560.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). 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?

Application Pep-ELISA
Type

DOCUMENTS

- [Data Sheet](#)