

**ATOH7 polyclonal antibody**

Catalog: BS8801

Host: Rabbit

Reactivity: Human,Rat,Mouse

**BackGround:**

This intronless gene encodes a member of the basic helix-loop-helix family of transcription factors, with similarity to Drosophila atonal gene that controls photoreceptor development. Studies in mice suggest that this gene plays a central role in retinal ganglion cell and optic nerve formation. Mutations in this gene are associated with nonsyndromic congenital retinal nonattachment.

**Product:**

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Molecular Weight:**

~ 17 kDa

**Swiss-Prot:**

Q8N100

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

WB,1:500 - 1:2000

IHC 1:100 - 1:500

IF/ICC 1:100 - 1:500

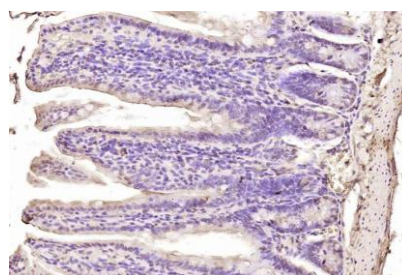
ELISA 1:5000 - 1:10000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

ATOH7 polyclonal antibody detects endogenous levels of ATOH7 protein.

**DATA:**

Paraformaldehyde-fixed, paraffin embedded (mouse intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (MATH5) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C.

**Note:**

For research use only, not for use in diagnostic procedure.

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