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## Product Datasheet

### **Atoh7 Antibody, Unconjugated, Goat, Polyclonal PRS-45-307**

Article Name	Atoh7 Antibody, Unconjugated, Goat, Polyclonal
Biozol Catalog Number	PRS-45-307
Supplier Catalog Number	45-307
Alternative Catalog Number	PRS-45-307-0.1
Manufacturer	ProSci
Host	Goat
Category	Antikörper
Application	ELISA
Immunogen	The immunogen for this antibody is: CEQRGRDHPYLP
Conjugation	Unconjugated
Clonality	Polyclonal
Concentration	500 ug/mL
NCBI	<a href="#">53404</a>
UniProt	<a href="#">Q9Z2E5</a>
Buffer	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Form	Liquid

Application Notes

Peptide ELISA: 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 0.3ug/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?