

## Anti-Atrophin-1 ATN1 Antibody

Catalog Number: A03828-1

### About ATN1

Hypoxia-inducible factor 3 alpha, also called MOP7, is a protein that in humans is encoded by the HIF3A gene. HIF3A is mapped to 19q13.32. This gene involved in adaptive response to hypoxia. HIF3A suppresses hypoxia-inducible expression of HIF1A and EPAS1. It binds to core DNA sequence 5'-TACGTG-3' within the hypoxia response element (HRE) of target gene promoters. The complex HIF3A-ARNT activates the transcription of reporter genes driven by HRE. This gene functions as an inhibitor of angiogenesis in the cornea.

### Overview

Product Name	Anti-Atrophin-1 ATN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Atrophin-1 ATN1 Antibody catalog # A03828-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P54259

### Technical Details

Immunogen	Synthesized peptide derived from the N-terminal region of human Atrophin-1. at AA range: 50-130
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Immunogen affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

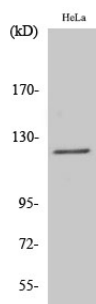
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB, 1:500-1:2000

ELISA 1:5000

## Anti-Atrophin-1 ATN1 Antibody (A03828-1) Images



Western blot analysis of various cells using Atrophin-1 Polyclonal Antibody

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