BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ENC-1 Antibody

Catalog Number: A07138

About ENC1

The ectoderm-neural cortex-1 (ENC-1) protein is an early and highly specific marker of neural induction in vertebrates. It is a kelch family related protein that functions as an actin-binding protein and has been suggested to be involved in the organization of the actin cytoskeleton during neural fate specification and development of the nervous system. ENC-1 has also been shown to be required for adipocyte differentiation when cytoskeletal reorganization and cell shape change from fibroblastic preadipocytes to spherical adipocytes occur.

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Overview

Product Name	Anti-ENC-1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ENC-1 Antibody (Catalog # A07138). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ENC-1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ENC-1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Chicken
Uniprot ID	O14682

Technical Details

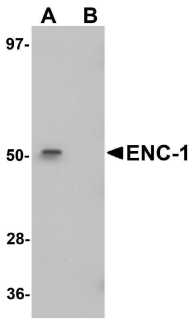
Immunogen	ENC-1 antibody was raised against a 13 amino acid synthetic peptide near the center of human ENC-1. The immunogen is located within amino acids 230 - 280 of ENC-1.
Isotype	IgY
Form	Liquid

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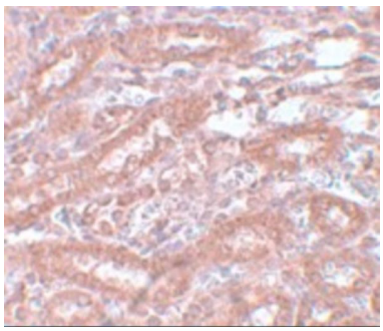
Concentration	1 mg/mL
Purification	ENC-1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ENC-1 antibody can be used for detection of ENC-1 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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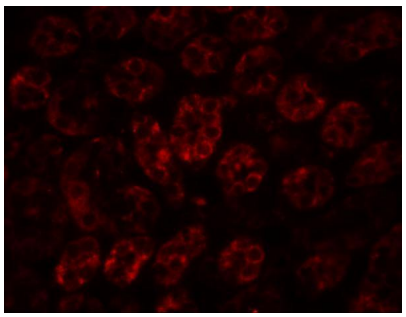
Anti-ENC-1 Antibody (A07138) Images



Western blot analysis of ENC-1 in mouse kidney muscle tissue lysate with ENC-1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of ENC-1 in rat kidney tissue with ENC-1 antibody at 5 ug/mL.



Immunofluorescence of ENC-1 in rat kidney tissue with ENC-1 antibody at 20 ug/mL.

For Research Use Only. Not for use in diagnostic procedures.