BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zinc finger protein 536 ZNF536 Antibody

Catalog Number: A14403

About ZNF536

ZNF536 is a recently identified zinc-finger protein that is expressed primarily in the developing nervous system and the cerebral cortex, hippocampus, and hypothalamus. ZNF536 possess ten zinc fingers and interacts with CtBP1, a corepressor for gene transcription. It is most closely related to transcriptional repressor ZNF219. Overexpression of ZNF536 in embryonic stem cells dramatically reduced the mRNA levels of neuronal marker genes such as Pax6, MAP2, and beta-tubulin III following retinoic acid (RA)-induced differentiation, while depletion of ZNF536 via RNAi resulted in elevated mRNA levels of these genes, indicating its role in inhibiting neuronal cell differentiation. Overexpression of RA receptor a rescues the inhibitory role of ZNF536, suggesting that ZNF536 might inhibit RA response element-mediated transcriptional activity.

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Overview

Product Name	Anti-Zinc finger protein 536 ZNF536 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Zinc finger protein 536 ZNF536 Antibody (Catalog # A14403). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ZNF536 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ZNF536 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	Rabbit
Uniprot ID	O15090

Technical Details

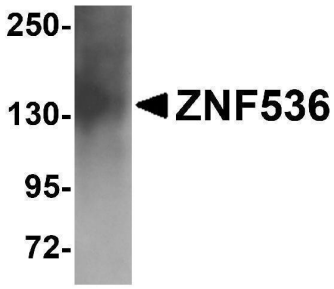
Immunogen	ZNF536 antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human ZNF536. The immunogen is located within amino acids 30 - 80 of ZNF536.
Predicted Reactive Species	Bovine, Chicken

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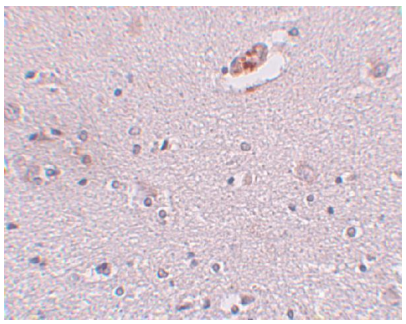
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ZNF536 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZNF536 antibody can be used for detection of ZNF536 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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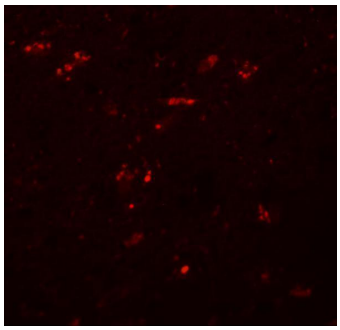
Anti-Zinc finger protein 536 ZNF536 Antibody (A14403) Images



Western blot analysis of ZNF536 in human brain tissue lysate with ZNF536 antibody at 1 ug/mL.



Immunohistochemistry of ZNF536 in human brain tissue with ZNF536 antibody at 5 ug/mL.



Immunofluorescence of ZNF536 in human brain tissue with ZNF536 antibody at 20 ug/mL.

Anti-Zinc finger protein 536 ZNF536 Antibody

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