

Product datasheet for **TA306881**

ZNF536 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ZNF536 antibody was raised against a 16 amino acid peptide from near the amino terminus of human ZNF536.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	zinc finger protein 536
Database Link:	NP_055532.1 Entrez Gene 9745 Human O15090



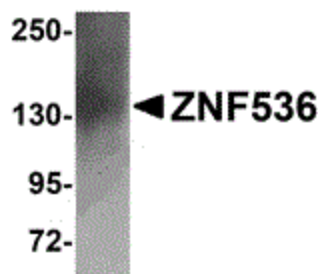
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Background:

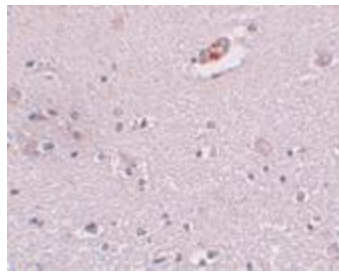
ZNF536 is a recently identified zinc-finger protein that is expressed primarily in the developing nervous system and the cerebral cortex, hippocampus, and hypothalamus. ZNF536 possess ten zinc fingers and interacts with CtBP1, a corepressor for gene transcription. It is most closely related to transcriptional repressor ZNF219. Overexpression of ZNF536 in embryonic stem cells dramatically reduced the mRNA levels of neuronal marker genes such as Pax6, MAP2, and b-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.

Synonyms:

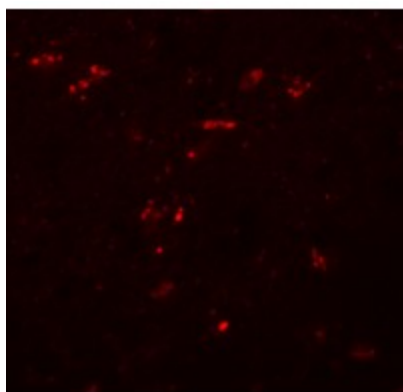
KIAA0390

Product 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.