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Datasheet for ABIN501163  
**anti-ZNF536 antibody (N-Term)**

1 Image

### Overview

Quantity:	0.1 mg
Target:	ZNF536
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF536 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	16 amino acid peptide from near the amino terminus of human ZNF536
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat
Purification:	Affinity chromatography

### Target Details

Target:	ZNF536
Alternative Name:	ZNF536 ( <a href="#">ZNF536 Products</a> )
Background:	ZNF536 is a recently identified zinc-finger protein that is expressed primarily in the developing

## Target Details

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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 rescues the inhibitory role of ZNF536, suggesting that ZNF536 might inhibit RA response element-mediated transcriptional activity. Synonyms: KIAA0390, Zinc finger protein 532, Zinc finger protein 532

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Gene ID: 9745

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NCBI Accession: [NP\\_055532](#)

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Pathways: [Retinoic Acid Receptor Signaling Pathway](#)

## Application Details

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Application Notes: ELISA. Western blot at 1 - 2  $\mu$ g/mL. Immunohistochemistry on paraffin sections.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

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Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/mL

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Buffer: PBS containing 0.02 % sodium azide

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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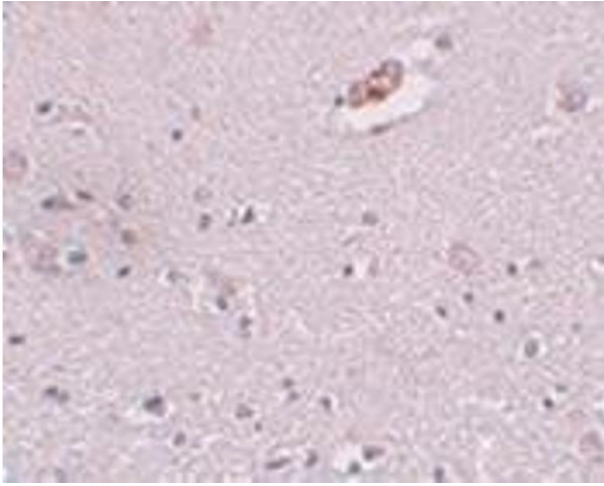
Handling Advice: Avoid repeated freezing and thawing.

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Storage: -20 °C

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Storage Comment: Store the antibody (in aliquots) at -20 °C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of ZNF536 in human brain tissue with this product at 5 µg/ml.