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## Datasheet for ABIN6991232 **anti-ZNF536 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	ZNF536
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF536 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product 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.
Isotype:	IgG
Purification:	ZNF536 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ZNF536
Alternative Name:	ZNF536 ( <a href="#">ZNF536 Products</a> )
Background:	ZNF536 Antibody: ZNF536 is a recently identified zinc-finger protein that is expressed primarily in the developing nervous system and the cerebral cortex, hippocampus, and hypothalamus.

## Target Details

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.

Gene ID: 9745

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

UniProt: [O15090](#)

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

## Application Details

Application Notes: ZNF536 antibody can be used for detection of ZNF536 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/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.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ZNF536 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: ZNF536 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.