

**ZNF536 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10852a****Specification**

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**ZNF536 Antibody (N-term) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">O15090</a>
Other Accession	<a href="#">NP_055532.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	141417
Antigen Region	203-231

**ZNF536 Antibody (N-term) - Additional Information****Gene ID** 9745**Other Names**

Zinc finger protein 536, ZNF536, KIAA0390

**Target/Specificity**

This ZNF536 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-231 amino acids from the N-terminal region of human ZNF536.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ZNF536 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZNF536 Antibody (N-term) - Protein Information****Name** ZNF536

**Synonyms** KIAA0390

**Function** Transcriptional repressor that negatively regulates neuron differentiation by repressing retinoic acid-induced gene transcription (PubMed:[19398580](#)). Binds and interrupts RARA from binding to retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5 (PubMed:[19398580](#)). Recognizes and binds 2 copies of the core DNA sequence 5'-CCCCCA-3' (PubMed:[14621294](#)).

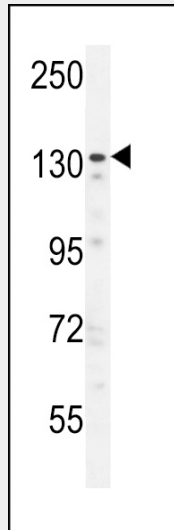
**Cellular Location**

Nucleus.

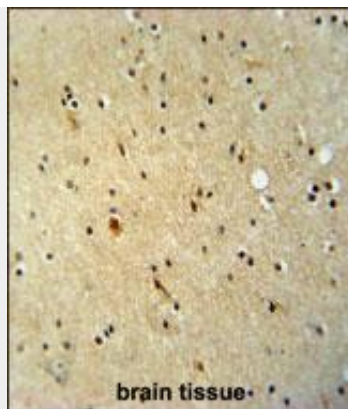
**ZNF536 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

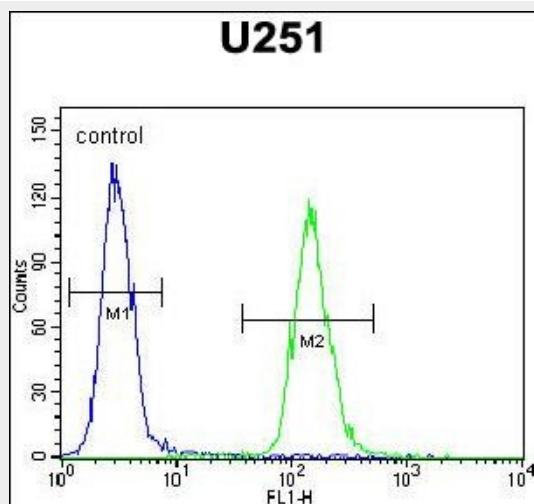
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ZNF536 Antibody (N-term) - Images**

ZNF536 Antibody (N-term) (Cat. #AP10852a) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the ZNF536 antibody detected the ZNF536 protein (arrow).



ZNF536 antibody (N-term) (Cat. #AP10852a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZNF536 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ZNF536 Antibody (N-term) (Cat. #AP10852a) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **ZNF536 Antibody (N-term) - Background**

May be involved in transcriptional regulation. Recognizes and binds 2 copies of the core DNA sequence 5'-CCCCCA-3'.

#### **ZNF536 Antibody (N-term) - References**

Benjamin, E.J., et al. BMC Med. Genet. 8 SUPPL 1, S11 (2007) :  
Dugas, J.C., et al. J. Neurosci. 26(43):10967-10983(2006)  
Sakai, T., et al. DNA Res. 10(4):155-165(2003)