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ZNF536 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10852a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O15090
Other Accession	NP_055532.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28209
Calculated MW	141417
Antigen Region	203-231

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	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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.

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.

Background

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

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)