

ZNF516 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20170c

Product Information

Application	WB, E
Primary Accession	Q92618
Other Accession	NP_055458.1
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB41649
Calculated MW	124289
Antigen Region	518-547

Additional Information

Gene ID	9658
Other Names	Zinc finger protein 516, ZNF516, KIAA0222
Target/Specificity	This ZNF516 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 518-547 amino acids from the Central region of human ZNF516.
Dilution	WB~~1:1000 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	ZNF516 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF516 (HGNC:28990)
Function	Transcriptional regulator that binds to the promoter and activates the transcription of genes promoting brown adipose tissue (BAT) differentiation. Among brown adipose tissue-specific genes, binds the proximal region of the

promoter of the UCP1 gene to activate its transcription and thereby regulate thermogenesis (By similarity). May also play a role in the cellular response to replication stress (PubMed:[23446422](#)).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q7TSH3}.

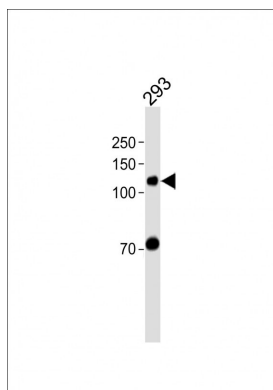
Background

ZNF516 may be involved in transcriptional regulation.

References

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)

Images



All lanes: Anti-ZNF516 Antibody (Center) at 1:1000 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 124 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.