10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZNF16 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17131a

Product Information

Application	WB, E
Primary Accession	P17020
Other Accession	NP_001025147.2, NP_008889.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37291
Calculated MW	76472
Antigen Region	53-81

Additional Information

Gene ID	7564
Other Names	Zinc finger protein 16, Zinc finger protein KOX9, ZNF16, HZF1, KOX9
Target/Specificity	This ZNF16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the N-terminal region of human ZNF16.
Dilution	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	ZNF16 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF16
Synonyms	HZF1, KOX9
Function	Acts as a transcriptional activator. Promotes cell proliferation by facilitating the cell cycle phase transition from the S to G2/M phase. Involved in both the

hemin- and phorbol myristate acetate (PMA)-induced erythroid and megakaryocytic differentiation, respectively. Also plays a role as an inhibitor of cell apoptosis.

Cellular Location Nucleus.

Tissue Location Ubiquitous..

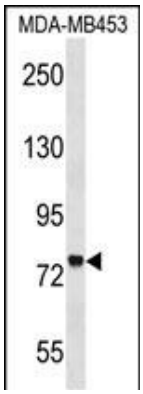
Background

The protein encoded by this gene contains a C2H2 type of zinc finger, and thus may function as a transcription factor. This gene is located in a region close to ZNF7/KOX4, a gene also encoding a zinc finger protein, on chromosome 8. Two alternatively spliced variants, encoding the same protein, have been identified.

References

Dreier, B., et al. J. Mol. Biol. 303(4):489-502(2000)
Rousseau-Merck, M.F., et al. Ann. Genet. 38(2):81-84(1995)
Thiesen, H.J. New Biol. 2(4):363-374(1990)

Images



ZNF16 Antibody (N-term) (Cat. #AP17131a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the ZNF16 antibody detected the ZNF16 protein (arrow).

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