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ZNF593 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12079c

Product Information

Application	WB, E
Primary Accession	O00488
Other Accession	Q9DB42, NP_056955.2
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17389
Calculated MW	15199
Antigen Region	62-88

Additional Information

Gene ID	51042
Other Names	Zinc finger protein 593, Zinc finger protein T86, ZNF593
Target/Specificity	This ZNF593 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-88 amino acids from the Central region of human ZNF593.
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	ZNF593 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF593
Synonyms	ZT86
Function	Involved in pre-60S ribosomal particles maturation by promoting the

	nuclear export of the 60S ribosome (PubMed:32669547). Negatively modulates the DNA binding activity of Oct-2 and therefore its transcriptional regulatory activity (PubMed:9115366).
Cellular Location	Nucleus, nucleolus. Cytoplasm {ECO:0000250|UniProtKB:Q08004}. Note=Shuttles between the nucleus and the cytoplasm. {ECO:0000250|UniProtKB:Q08004}
Tissue Location	Ubiquitous. Detected in spleen, prostate, testis, small intestine, colon and to a minor level in thymus and peripheral blood leukocytes.

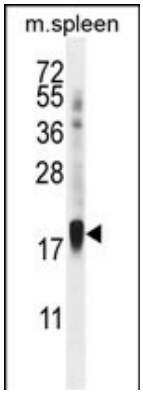
Background

ZNF593 negatively modulates the DNA binding activity of Oct-2 and therefore its transcriptional regulatory activity. Could act either by binding to DNA octamer or by interacting with Oct-2. May also be a modulator of other octamer-binding proteins.

References

Hayes, P.L., et al. Protein Sci. 17(3):571-576(2008)
Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)
Terunuma, A., et al. Nucleic Acids Res. 25(10):1984-1990(1997)

Images



ZNF593 Antibody (Center) (Cat. #AP12079c) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the ZNF593 antibody detected the ZNF593 protein (arrow).

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