

ZNF593 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12079c

Product Information

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

Additional Information

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|--------------------|--|
| 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

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| 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.

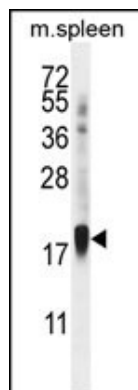
Background

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'.