

ZNF9 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4784c

Specification

ZNF9 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	P62633
Other Accession	P62634 , P53996 , O42395 , O3T0Q6
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	19463
Antigen Region	67-96

ZNF9 Antibody (Center) - Additional Information

Gene ID 7555

Other Names

Cellular nucleic acid-binding protein, CNBP, Zinc finger protein 9, CNBP, RNF163, ZNF9

Target/Specificity

This ZNF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-96 amino acids from the Central region of human ZNF9.

Dilution

WB~~1:1000
IHC-P~~1:50~100

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

ZNF9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF9 Antibody (Center) - Protein Information

Name CNBP ([HGNC:13164](#))

Synonyms RNF163, ZNF9

Function Single-stranded DNA-binding protein that preferentially binds to the sterol regulatory element (SRE) sequence 5'-GTGCGGTG-3', and thereby mediates transcriptional repression (PubMed:[2562787](#)). Has a role as transactivator of the Myc promoter (By similarity). Binds single-stranded RNA in a sequence-specific manner (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P53996}. Cytoplasm. Endoplasmic reticulum {ECO:0000250|UniProtKB:P53996} [Isoform 2]: Cytoplasm [Isoform 5]: Cytoplasm [Isoform 8]: Cytoplasm

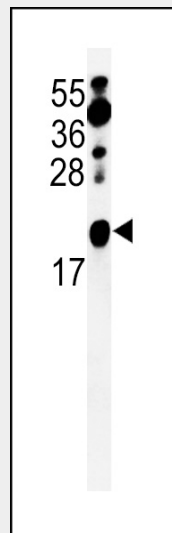
Tissue Location

Expressed in the liver, kidney, spleen, testis, lung, muscle and adrenal glands.

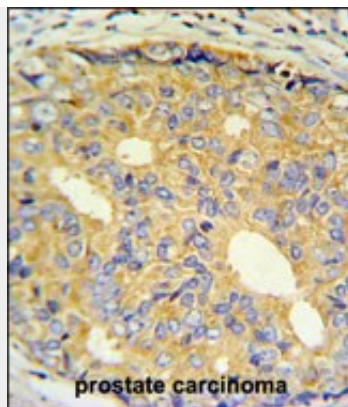
ZNF9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF9 Antibody (Center) - Images

Western blot analysis of ZNF9 Antibody (Center) (Cat. #AP4784c) in Neuro-2a cell line lysates (35ug/lane). ZNF9 (arrow) was detected using the purified Pab.



ZNF9 Antibody (Center) (Cat. #AP4784c) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZNF9 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

ZNF9 Antibody (Center) - Background

ZNF9 encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2.

ZNF9 Antibody (Center) - References

Lucchiari, S., et al. J. Neurol. Sci. 275 (1-2), 159-163 (2008)
Auvinen, S., et al. Arthritis Rheum. 58(11):3627-3631(2008)
Gerbasí, V.R., et al. Mol. Cell Proteomics 6(6):1049-1058(2007)
Toth, C., et al. Muscle Nerve 35(2):259-264(2007)