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

ZNF743 Rabbit pAb

Catalog # AP97941

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BQA5
Other Accession	Q9BQA5
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59678
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF743
Epitope Specificity	301-400/517
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 9 C2H2-type zinc fingers.
Post-translational modifications	Ubiquitinated. Ubiquitination may lead to proteasome-mediated degradation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a transcription factor that interacts with methyl-CpG-binding protein-2 (MBD2), a component of the MeCP1 histone deacetylase (HDAC) complex, and plays a role in DNA methylation and transcription repression. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Aug 2011]

Additional Information

Gene ID	25988
Other Names	MIZF; HiNF-P; ZNF743; RGD1311492; HINFP_BOVIN; HINFP; Histone nuclear factor P (HiNF-P); MBD2-interacting zinc finger protein; Methyl-CpG-binding protein 2-interacting zinc finger protein; HINFP_HUMAN; HINFP_MOUSE; histone H4 transcription factor; MBD2-interacting zinc finger 1; MBD2-interacting zinc finger; histone nuclear factor P
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HINFP
Synonyms	MIZF, ZNF743
Function	Transcriptional repressor that binds to the consensus sequence 5'-CGGACGTT-3' and to the RB1 promoter. Transcriptional activator that promotes histone H4 gene transcription at the G1/S phase transition in conjunction with NPAT. Also activates transcription of the ATM and PRKDC genes. Autoregulates its expression by associating with its own promoter.
Cellular Location	Nucleus. Note=Associated with discrete nuclear foci
Tissue Location	Ubiquitous. Highly expressed in brain, heart, skeletal muscle, spleen, kidney, small intestine, placenta and liver

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