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ZNF384 Rabbit pAb

Catalog # AP98537

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8TF68
Other Accession	Q8TF68
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63219
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF384
Epitope Specificity	151-250/577
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 8 C2H2-type zinc fingers.
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 C2H2-type zinc finger protein, which may function as a transcription factor. This gene also contains long CAG trinucleotide repeats that encode consecutive glutamine residues. The protein appears to bind and regulate the promoters of the extracellular matrix genes MMP1, MMP3, MMP7 and COL1A1. Studies in mouse suggest that nuclear matrix transcription factors (NP/NMP4) may be part of a general mechanical pathway that couples cell construction and function during extracellular matrix remodeling. Alternative splicing results in multiple transcript variants. Recurrent rearrangements of this gene with the Ewing's sarcoma gene, EWSR1 on chromosome 22, or with the TAF15 gene on chromosome 17, or with the TCF3 (E2A) gene on chromosome 19, have been observed in acute leukemia. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Apr 2011]

Additional Information

Gene ID	171017
Other Names	NMP4; NP; CAGH1; CAGH1A; CIZ; ERDA2; TNRC1; C130073D16Rik; Znf384; ZN384_HUMAN; CAG repeat protein 1; CAS-interacting zinc finger protein; Nuclear matrix transcription factor 4 (Nuclear matrix protein 4); Trinucleotide repeat-containing gene 1 protein; ZN384_RAT; Cas-associated zinc finger protein; Zfp384; zinc finger protein 384; trinucleotide repeat containing 1; cas interacting zinc finger protein; nuclear matrix protein 4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500

	0-10000
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	ZNF384
Synonyms	CAGH1, CIZ, NMP4, TNRC1
Function	Transcription factor that binds the consensus DNA sequence [GC]AAAAA. Seems to bind and regulate the promoters of MMP1, MMP3, MMP7 and COL1A1 (By similarity).
Cellular Location	Nucleus.

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