



Rabbit Anti-ZNF384 antibody

SL19766R

Product Name:	ZNF384
Chinese Name:	Zinc finger protein384抗体
Alias:	CAG repeat protein 1; CAGH1A; CAS interacting zinc finger protein; CAS-interacting zinc finger protein; CIZ; ERDA2; GH1A; NMP4; NP; Nuclear matrix protein 4; Nuclear matrix transcription factor 4; TNRC1; Trinucleotide repeat containing gene 1 protei; Trinucleotide repeat-containing gene 1 protein; Zinc finger protein 384; ZN384_HUMAN; Znf384.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	63kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF384:151-250/577
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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]

Function:

Transcription factor that binds the consensus DNA sequence [GC]AAAAA. Seems to bind and regulate the promoters of MMP1, MMP3, MMP7 and COL1A1.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 8 C2H2-type zinc fingers.

SWISS:

Q8TF68

Gene ID:

171017

Database links:

[Entrez Gene: 515007](#) Cow

[Entrez Gene: 486723](#) Dog

[Entrez Gene: 100726713](#) Guinea pig

[Entrez Gene: 100059879](#) Horse

[Entrez Gene: 171017](#) Human

[Entrez Gene: 269800](#) Mouse

[Entrez Gene: 100516975](#) Pig

[Entrez Gene: 100341607](#) Rabbit

[Entrez Gene: 171018](#) Rat

[Omim: 609951](#) Human

[SwissProt: Q8TF68](#) Human

[SwissProt: Q9EQJ4](#) Rat

[Unigene: 103315](#) Human

[Unigene: 708126](#) Human

[Unigene: 714839](#) Human

[Unigene: 9637](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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