G-Biosciences Image not found or type unknown

Immunotag™ ZNF384 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT5531
Product Description	Immunotag™ ZNF384 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ZNF384
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Zinc finger protein 384 at AA range: 1-50
Specificity	ZNF384 Polyclonal Antibody detects endogenous levels of ZNF384 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	ZNF384
Accession No.	Q8TF68 Q9EQJ4
Alternate Names	ZNF384; CAGH1; CIZ; NMP4; TNRC1; Zinc finger protein 384; CAG repeat protein 1; CAS-interacting zinc finger protein; Nuclear matrix transcription factor 4; Nuclear matrix protein 4; Trinucleotide repeat-containing gene 1 protein

Antibody Specification

Description	zinc finger protein 384(ZNF384) Homo sapiens 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],
Protein Expression	Brain,Brain cortex,Testis,
Subcellular Localization	nucleus,
Protein Function	Additional isoforms seem to exist,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:Transcription factor that binds the consensus DNA sequence [GC]AAAAA. Seems to bind and regulate the promoters of MMP1, MMP3, MMP7 and COL1A1.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 8 C2H2-type zinc fingers.,subunit:Interacts with BCAR1.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.