

## ZNF384 Polyclonal Antibody

|                              |                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No :</b>          | YT5531                                                                                                                   |
| <b>Reactivity :</b>          | Human;Rat                                                                                                                |
| <b>Applications :</b>        | WB;ELISA                                                                                                                 |
| <b>Target :</b>              | ZNF384                                                                                                                   |
| <b>Gene Name :</b>           | ZNF384                                                                                                                   |
| <b>Protein Name :</b>        | Zinc finger protein 384                                                                                                  |
| <b>Human Gene Id :</b>       | 171017                                                                                                                   |
| <b>Human Swiss Prot No :</b> | Q8TF68                                                                                                                   |
| <b>Rat Gene Id :</b>         | 171018                                                                                                                   |
| <b>Rat Swiss Prot No :</b>   | Q9EQJ4                                                                                                                   |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from the N-terminal region of human ZNF384. AA range:1-50 |
| <b>Specificity :</b>         | ZNF384 Polyclonal Antibody detects endogenous levels of ZNF384 protein.                                                  |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                  |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG                                                                                                   |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.                                                 |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    |
| <b>Concentration :</b>       | 1 mg/ml                                                                                                                  |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)                                                                           |

**Observed Band :** 64kD

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**Background :** 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],

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**Function :** alternative products: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.,

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**Subcellular Location :** Nucleus .

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**Expression :** Brain,Brain cortex,Testis,

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**Sort :** 24725

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**No4 :** 1

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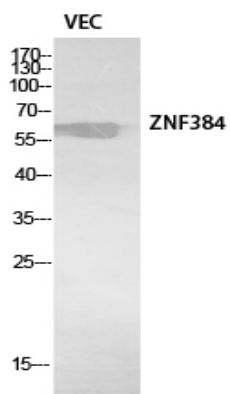
**Host :** Rabbit

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**Modifications :** Unmodified

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## Products Images



Western Blot analysis of VEC cells using ZNF384 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).