bs-19766R **[Primary Antibody]**

ZNF384 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 171017 **SWISS:** Q8TF68

Target: ZNF384

Immunogen: KLH conjugated synthetic peptide derived from human ZNF384: 151-250/577.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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]

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW.: 63 kDa

Subcellular Location: Nucleus

SELECTED CITATIONS

- **[IF=5.3]** Yang Ye. et al. The pivotal role of ZNF384: driving the malignant behavior of serous ovarian cancer cells via the LIN28B/UBD axis. CELL BIOL TOXICOL. 2024 Dec;40(1):1-18 IHC ;Human,Mouse. 39562372