Best Tools for immunology Research

# ZNF397 Polyclonal Antibody

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|---|---|
| **Catalog No :** | YT4964 |
| **Reactivity :** | Human;Rat;Mouse; |
| **Applications :** | WB;IHC;IF;ELISA |
| **Target :** | ZNF397 |
| **Gene Name :** | ZNF397 |
| **Protein Name :** | Zinc finger protein 397 |
| **Human Gene Id :** | 84307 |
| **Human Swiss Prot No :** | Q8NF99 |
| **Immunogen :** | The antiserum was produced against synthesized peptide derived from human ZNF397. AA range:10-59 |
| **Specificity :** | ZNF397 Polyclonal Antibody detects endogenous levels of ZNF397 protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications. |
| **Purification :** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Observed Band :** | 61kD |
| **Background :** | zinc finger protein 397(ZNF397) Homo sapiens This gene encodes a protein |

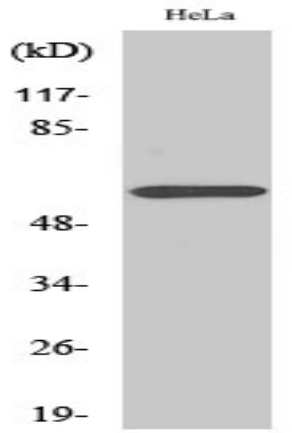
with a N-terminal SCAN domain, and the longer isoform contains nine C2H2-type zinc finger repeats in the C-terminal domain. The protein localizes to centromeres during interphase and early prophase, and different isoforms can repress or activate transcription in transfection studies. Multiple transcript variants encoding different isoforms have been found for this gene. Additional variants have been described, but their biological validity has not been determined. [provided by RefSeq, Oct 2009],

**Function :** function:Isoform 3 acts as a DNA-dependent transcriptional repressor.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 SCAN box domain.,similarity:Contains 9 C2H2-type zinc fingers.,subunit:Isoforms 1 and 3 can both homo- and hetero-associate. Homo-association of isoform 1 is dependent on the presence of the SCAN domain.,tissue specificity:Expressed strongly in testis, moderately in skeletal muscle, pancreas and prostate, and weakly in heart, placenta, liver, kidney, spleen, thymus and small intestine.,

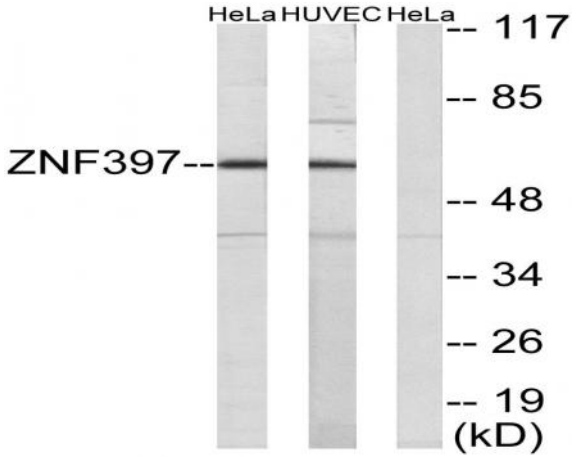
**Subcellular Location :** [Isoform 1]: Nucleus.; [Isoform 3]: Nucleus. Cytoplasm.

**Expression :** Expressed strongly in testis, moderately in skeletal muscle, pancreas and prostate, and weakly in heart, placenta, liver, kidney, spleen, thymus and small intestine.

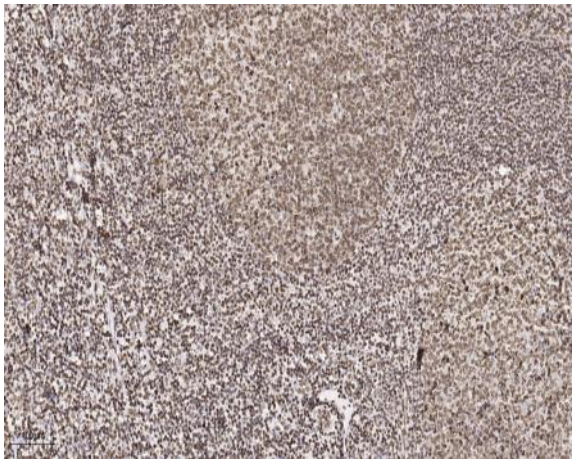
## Products Images




Western Blot analysis of various cells using ZNF397 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000




Western blot analysis of lysates from HeLa and HUVEC cells, using ZNF397 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).