

Product Name: ZNF397 Rabbit Polyclonal Antibody
Catalog #: APRab20263



Summary

Production Name	ZNF397 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ZNF397
Alternative Names	ZNF397; ZNF47; ZSCAN15; Zinc finger protein 397; Zinc finger and SCAN domain-containing protein 15; Zinc finger protein 47
Gene ID	84307.0
SwissProt ID	Q8NF99.The antiserum was produced against synthesized peptide derived from human ZNF397. AA range:10-59

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:5000
Molecular Weight	61kD

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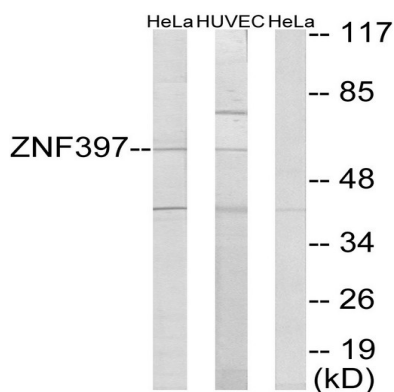


Background

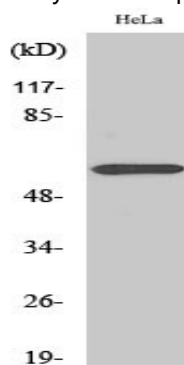
zinc finger protein 397(ZNF397) Homo sapiens This gene encodes a protein with a N-terminal SCAN domain, and the longer isoform contains nine C2H2-type zinc finger repeats in the C-terminal domain. The protein localizes to centromeres during interphase and early prophase, and different isoforms can repress 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: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.,

Research Area

Image Data



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



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Western Blot analysis of various cells using ZNF397 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.