Product Data Sheet:
ZNF397 Rabbit Polyclonal Antibody

Cat. No:	ABN20263
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human ZNF397. AA range:10-59
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight:	61kDa
Purification:	Affinity purification
Synonyms:	ZNF397; ZNF47; ZSCAN15; Zinc finger protein 397; Zinc finger and SCAN domain-containing protein 15; Zinc finger protein 47
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.,
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

For Research use only
IMMUNOLOGICAL SCIENCES