

TOK-1 Polyclonal Antibody

Cat No: HR1AP7961

For research use only

Overview

Product Name	TOK-1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	35kDa
GeneID?Human?	BCCIP
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	BCCIP; TOK1; BRCA2 and CDKN1A-interacting protein; P21- and CDK-associated protein 1; Protein TOK-1
Background	BRCA2 and CDKN1A interacting protein(BCCIP) Homo sapiens This gene product was isolated on the basis of its interaction with BRCA2 and p21 proteins. It is an evolutionarily conserved nuclear protein with multiple interacting domains. The N-terminal half shares moderate homology with regions of calmodulin and M-calpain, suggesting that it may also bind calcium. Functional studies indicate that this protein may be an important cofactor for BRCA2 in tumor suppression, and a modulator of CDK2 kinase activity via p21. This protein has also been implicated in the regulation of BRCA2 and RAD51 nuclear focus formation, double-strand break-induced homologous recombination, and cell cycle progression. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],