

BCCIP rabbit monoclonal antibody

Catalog # H00056647-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human BCCIP peptide using ARM Technology.
Immunogen	A synthetic peptide of human BCCIP is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BCCIP peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — BCCIP

Entrez GeneID [56647](#)

GeneBank Accession# [BCCIP](#)

Gene Name BCCIP

Gene Alias TOK-1, TOK1

Gene Description BRCA2 and CDKN1A interacting protein

Gene Ontology [Hyperlink](#)

Gene Summary This gene product was isolated on the basis of its interaction with BRCA2 and p21 proteins. It is a n evolutionarily conserved nuclear protein with multiple interacting domains. The N-terminal half sh ares moderate homology with regions of calmodulin and M-calpain, suggesting that it may also bi nd calcium. Functional studies indicate that this protein may be an important cofactor for BRCA2 i n tumor suppression, and a modulator of CDK2 kinase activity via p21. This protein has also bee n implicated in the regulation of BRCA2 and RAD51 nuclear focus formation, double-strand break -induced homologous recombination, and cell cycle progression. Multiple transcript variants enco ding different isoforms have been described for this gene. [provided by RefSeq

Other Designations BCCIPalpha|BCCIPbeta|BRCA2 and CDKN1A-interacting protein|BRCA2 and Cip1/p21 interact ing protein|OTTHUMP00000020714|OTTHUMP00000020715|OTTHUMP00000020716|TOK-1a| pha|TOK-1beta|cdk inhibitor p21 binding protein|p21- and CDK-associated protein 1

Disease

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