

BCCIP Rabbit Polyclonal Antibody

Catalog No: #55551

Package Size: #55551-1 50ul #55551-2 100ul

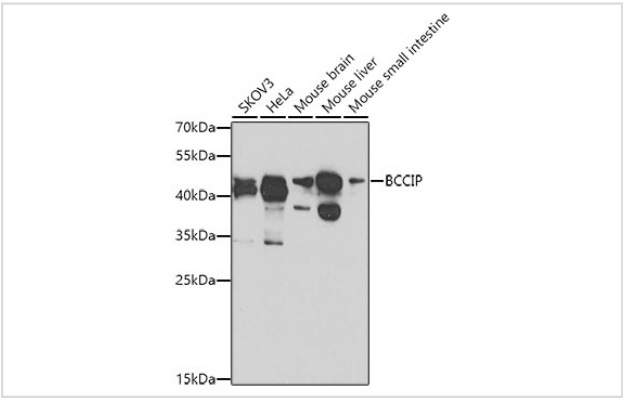
Description

Product Name	BCCIP Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human BCCIP (NP_510868.1).
Conjugates	Unconjugated
Other Names	BCCIP;TOK-1;TOK1
Accession No.	Swiss Prot:Q9P287GeneID:56647
Calculated MW	33kDa/35kDa/36kDa
SDS-PAGE MW	50kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

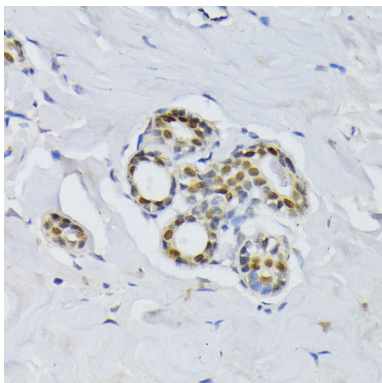
Application Details

WB 1:500 - 1:2000IHC 1:100 - 1:200

Images



Western blot analysis of extracts of various cell lines, using BCCIP at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human breast using BCCIP at dilution of 1:100 (40x lens).

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.