

BCCIP Rabbit pAb

Catalog No.: A8586 **1 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

36kDa

Category

Primary antibody

Applications

ELISA,WB,IHC-P

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

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

Immunogen Information

Gene ID

56647

Swiss Prot

Q9P287

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-314 of human BCCIP (NP_510868.1).

Synonyms

TOK1; TOK-1; BCCIP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

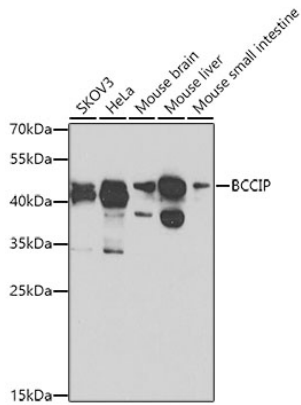
Affinity purification

Storage

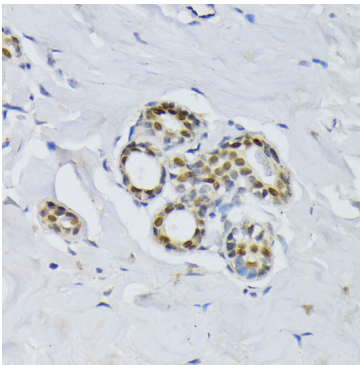
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using BCCIP Rabbit pAb (A8586) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human breast using BCCIP Rabbit pAb (A8586) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.