

## Datasheet for ABIN6137485 anti-BCCIP antibody (AA 1-314)



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### 4 Images

#### Overview

Quantity:	100 µL
Target:	BCCIP
Binding Specificity:	AA 1-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCCIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-314 of human BCCIP (NP_510868.1).
Sequence:	MASRSKRRAV ESGVPQPPDP PVQRDEEEEEK EVENEDDD DSDKEKDEED EVIDEEVNIE FEAYSLSDND YDGIKLLQ LFLKAPVNTA ELTDLLIQN HIGSVIKQTD VSEDSNDDMD EDEVFGEFISL LNLTERKGTQ CVEQIQELVL RFCEKNCEKS MVEQLDKFLN DTTKPVGLLL SERFINVPPQ IALPMYQQLQ KELAGAHRTN KPCGKCYFY LISKTFVEAG KNNSKKKPSN KKKAALMFAN AEEEEFFYEKA ILKFNYSVQE ESDTCLGGKW SFDDVPMTP LRTVMLIPGDK MNEIMDKLKE YLSV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

Purification: Affinity purification

## Target Details

Target: BCCIP

Alternative Name: BCCIP ([BCCIP Products](#))

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.,BCCIP,TOK-1,TOK1,Epigenetics & Nuclear Signaling,DNA Damage & Repair,RNA Binding,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Immunology & Inflammation,Cytokines,BCCIP

Molecular Weight: 33 kDa/35 kDa/36 kDa

Gene ID: 56647

UniProt: [Q9P287](#)

## Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:100 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

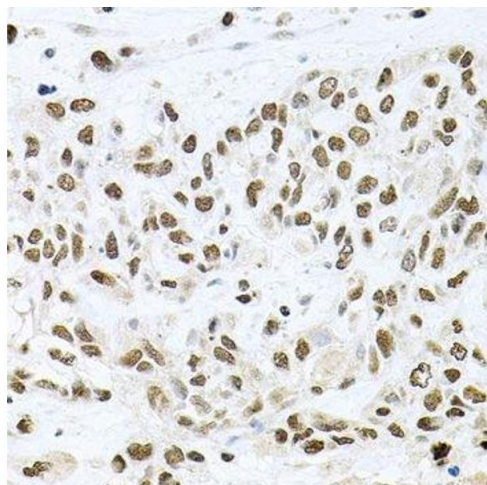
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Storage: -20 °C

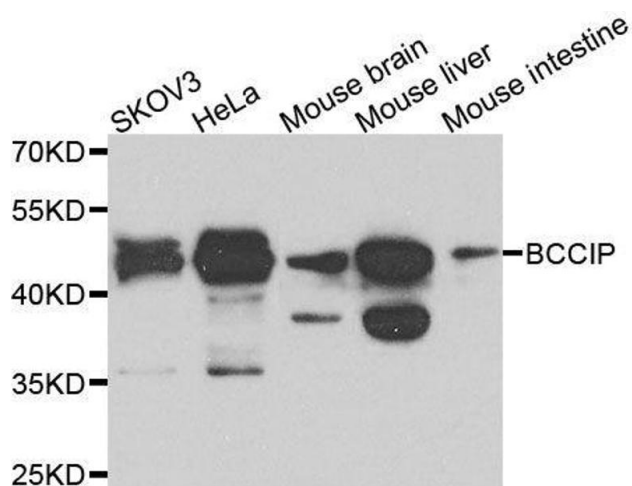
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



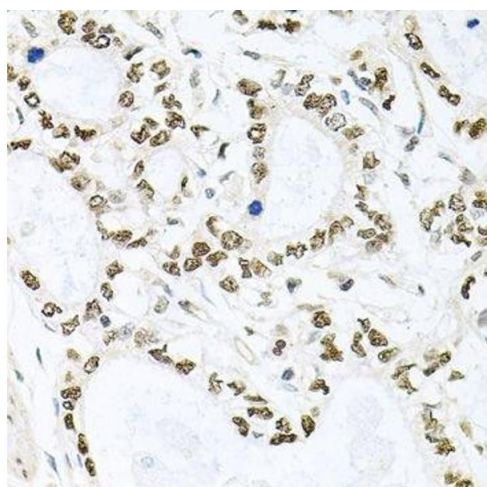
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using BCCIP antibody.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using BCCIP antibody.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded human gastric cancer using BCCIP antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6137485.