

Product datasheet for **TA306472**

BRCC45 (BRE) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BRCC45 antibody was raised against a 18 amino acid peptide from near the amino terminus of human BRCC45.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	brain and reproductive organ-expressed (TNFRSF1A modulator)
Database Link:	NP_004890

[Entrez Gene 107976 Mouse](#)[Entrez Gene 362704 Rat](#)[Entrez Gene 9577 Human](#)
[Q9NXR7](#)

Background: BRCC45 was initially suggested to be a housekeeping protein that is highly expressed in brain and reproductive organs. Later experiments indicated BRCC45 forms a complex with the breast and ovarian predisposition proteins BRCA1 and BRCA2 as well as RAD51 and BRCC36. This complex has a ubiquitin E3 ligase activity and is thought to enhance cellular survival following DNA damage. BRCC45 has also been suggested to function as a death receptor-associated anti-apoptotic protein by inhibiting the BID-induced activation of the mitochondrial apoptotic pathway. Higher levels of BRCC45 were detected in the majority of hepatocellular carcinomas, suggesting that BRCC45 may promote tumorigenesis when overexpressed. At least three isoforms of BRCC45 are known to exist.

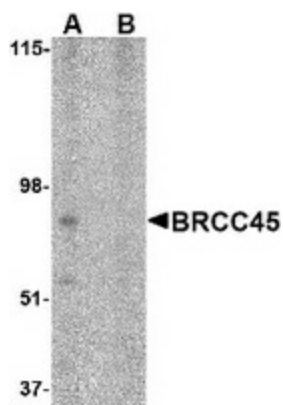


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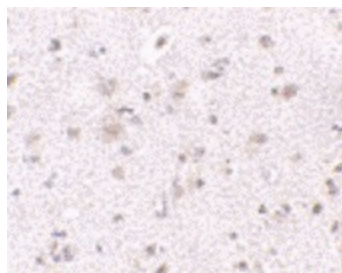
Synonyms: BRCC4; BRCC45

Protein Families: Druggable Genome

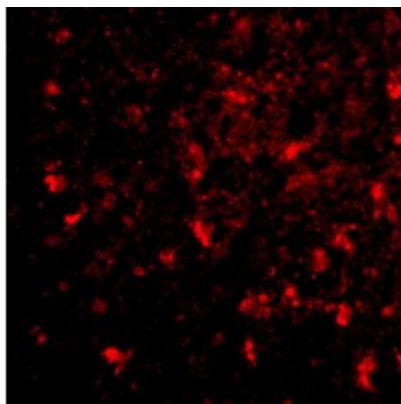
Product images:



Western blot analysis of BRCC45 in HeLa cell lysate in (A) the absence and (B) presence of blocking peptide with BRCC45 antibody at 1 ug/ml.



Immunohistochemistry of BRCC45 in human brain tissue with BRCC45 antibody at 2.5 ug/ml.



Immunofluorescence of BRCC45 in human brain tissue with BRCC45 antibody at 20 ug/mL.