

Rabbit BRCC45 Polyclonal Antibody | anti-BRCC45 antibody

BRCC45 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302424	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

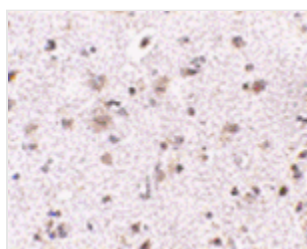
PRODUCT SYNONYMS

BRCC45; Polyclonal Antibody; BRCC45 Antibody; BRCA1; BRCA2-containing complex subunit 45; Brain and reproductive organ expressed; BRE; TNFRSF1A modulator; anti-BRCC45 antibody

PRODUCT SPECIFICATIONS

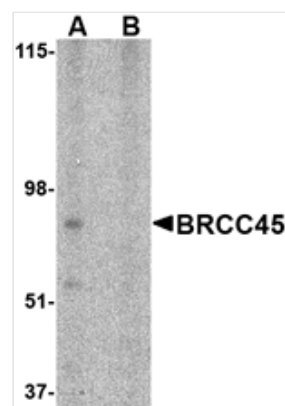
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	415
Applicable Applications for anti-BRCC45 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the amino terminus of human BRCC45.
Target Name	BRCC45
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-BRCC45 antibody	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.
Product Categories/Family for anti-BRCC45 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361171
NCBI GeneID	9577
NCBI Accession #	NP_004890
NCBI GenBank Nucleotide #	NM_004899.4
Molecular Weight	42,697 Da
NCBI Official Full Name	BRCA1-A complex subunit BRE isoform 1
NCBI Official Synonym Full Names	brain and reproductive organ-expressed (TNFRSF1A modulator)
NCBI Official Symbol	BRE
NCBI Official Synonym Symbols	BRCC4; BRCC45
NCBI Protein Information	BRCA1-A complex subunit BRE
UniProt Protein Name	BRCA1-A complex subunit BRE
UniProt Gene Name	BRE
UniProt Entry Name	BRE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/brcc45-antibody-immunohistochemistry-western-blot-elisa/302424>