

Rabbit BRCC45 Polyclonal Antibody | anti-BRE antibody

BRCC45 Antibody

CATALOG # AAA39810	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
------------------------------	-----------------------	--	--

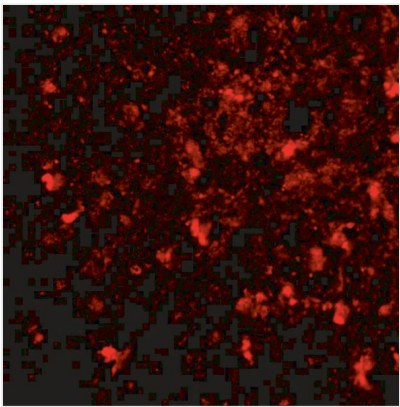
PRODUCT SYNONYMS

BRCC45; Polyclonal Antibody; BRCC45 Antibody; BRCC4; BRCA1-A complex subunit BRE; Brain and reproductive organ-expressed protein; brain and reproductive organ-expressed (TNFRSF1A modulator); anti-BRE antibody

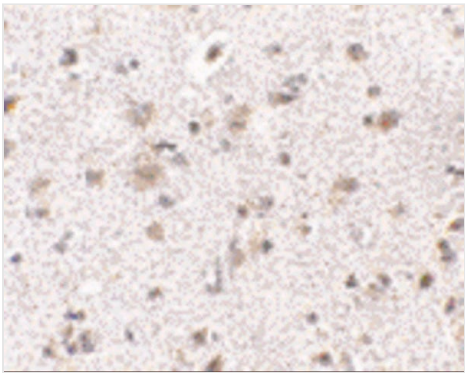
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BRCC45 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	415
Applicable Applications for anti-BRE antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BRCC45 antibody was raised against a 18 amino acid synthetic peptide from near the amino terminus of human BRCC45.
Buffer	BRCC45 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BRCC45 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.

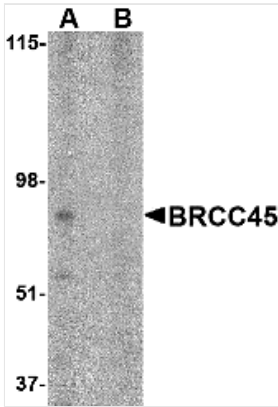
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BRCC45 in human brain tissue with BRCC45 antibody at 2.5 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of BRCC45 in human brain tissue with BRCC45 antibody at 2.5 μg/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 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BRE antibody	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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361171
NCBI GeneID	9577
NCBI Accession #	NP_004890
NCBI GenBank Nucleotide #	NM_004899.4
UniProt Accession #	Q9NXR7; Q13880; Q4ZFX8; Q53SD0; Q969X9; Q96P06; A8K4X1; D6W562; D6W563
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; BRCA1/BRCA2-containing complex subunit 45; BRCA1/BRCA2-containing complex, subunit 4; brain and reproductive organ-expressed protein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/brcc45-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39810>