

Rabbit BRCA2 Polyclonal Antibody | anti-BRCA2 antibody

Phospho-BRCA2 (Ser2095) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328463	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BRCA2; Polyclonal Antibody; Phospho-BRCA2 (Ser2095) Antibody; BRCA 2; BRCA1/BRCA2 containing complex subunit 2; Brca2; DNA repair associated; BRCA2_HUMAN; BRCC 2; BRCC2; Breast and ovarian cancer susceptibility gene early onset; breast and ovarian cancer susceptibility protein 2; Breast cancer 2 early onset; Breast Cancer 2 tumor suppressor; Breast cancer susceptibility protein BRCA2; Breast cancer type 2 susceptibility protein; BROVCA2; FADC; FAD 1; FAD; FAD1; FANCB; FANCD 1; FANCD; FANCD1; FANCD1 gene; Fanconi anemia complementation group D1; Fanconi anemia group D1 protein; GLM3; mutant BRCA2; OTTHUMP00000018803; OTTHUMP00000042401; PNCA2; XRCC11; anti-BRCA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-BRCA2 (Ser2095) Antibody detects endogenous levels of BRCA2 only when phosphorylated at Ser2095.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	3418
Applicable Applications for anti-BRCA2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BRCA2 around the phosphorylation site of Ser2095.
Preparation and Storage	Store at -20 degrees C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

staining HepG2 cells (4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degrees C. Samples were then incubated with primary Ab(AAA328463 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37 degrees C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328463 at 1/100 staining human spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



WB (Western Blot)

Western blot analysis of extracts from various samples, using Phospho-BRCA2 (Ser2095) Ab. Lane 1: Rat liver, blocked with antigen-specific peptides. Lane 2: Rat liver. Lane 3: Mouse brain. Lane 4: Hela cells(heat-shock treatment). Lane 5: Hepg2 cells(heat-shock treatment).

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395734
NCBI GeneID	675
NCBI Accession #	NP_000050.2
NCBI GenBank Nucleotide #	NP_000050.2
UniProt Accession #	P51587
Molecular Weight	Observed: 384 kDa Predicted: 385 kDa
NCBI Official Full Name	breast cancer type 2 susceptibility protein
NCBI Official Synonym Full Names	BRCA2 DNA repair associated
NCBI Official Symbol	BRCA2
NCBI Official Synonym Symbols	FAD; FACD; FAD1; GLM3; BRCC2; FANCD; PNCA2; FANCD1; XRCC11; BROVCA2
NCBI Protein Information	breast cancer type 2 susceptibility protein
UniProt Protein Name	Breast cancer type 2 susceptibility protein
UniProt Gene Name	BRCA2
UniProt Synonym Gene Names	FACD; FANCD1
UniProt Entry Name	BRCA2_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://stage.aaabiotech.com/polyclonal/brca2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/328463>