

BRCA2

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:500

Calculated MW: 384kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human BRCA2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FAD; FACD; FAD1; GLM3; BRCC2; FANCD; PNCA2; FANCD1; XRCC11; BROVCA2;

Catalog #: A2435

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 675

Isotype: IgG

Swiss Prot: P51587

Purity: Affinity purification

For research use only.

Background:

Inherited mutations in BRCA1 and this gene, BRCA2, confer increased lifetime risk of developing breast or ovarian cancer. Both BRCA1 and BRCA2 are involved in maintenance of genome stability, specifically the homologous recombination pathway for double-strand DNA repair. The BRCA2 protein contains several copies of a 70 aa motif called the BRC motif, and these motifs mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele.

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