

Product Datasheet

BRCA1 Antibody (8F7) - Azide and BSA Free NBP1-41186

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-41186

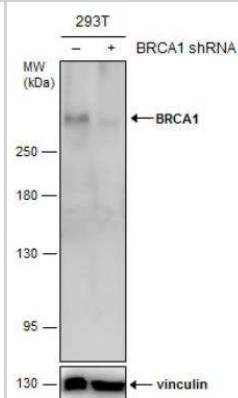
BRCA1 Antibody (8F7) - Azide and BSA Free

| Product Information | |
|------------------------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 8F7 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS |
| Target Molecular Weight | 208 kDa |
| Product Description | |
| Host | Mouse |
| Gene ID | 672 |
| Gene Symbol | BRCA1 |
| Species | Human, Mouse |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen | Protein fragment expressed in E. coli corresponding to amino acids 341-748. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunoprecipitation Assay dependent, Immunohistochemistry-Paraffin Assay dependent |
| Application Notes | Perform heat mediated antigen retrieval before commencing with IHC staining protocol (0.1 M citrate buffer at 95C in water bath for 20 min). Avoid nonspecific binding by incubating in normal rabbit anti-mouse serum. Incubate primary antibody overnight and use a biotin-streptavidin amplification kit. Block endogenous peroxidase with 0.3% H ₂ O ₂ for 30 minutes. |

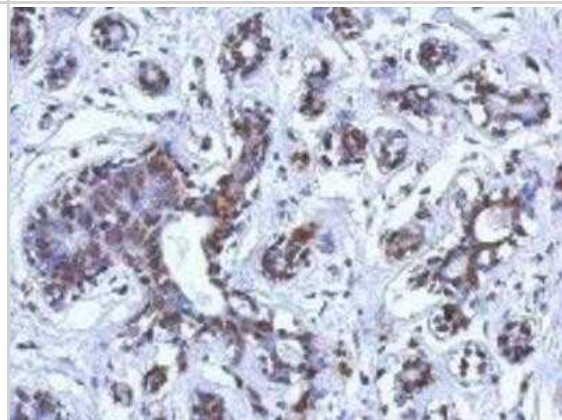


Images

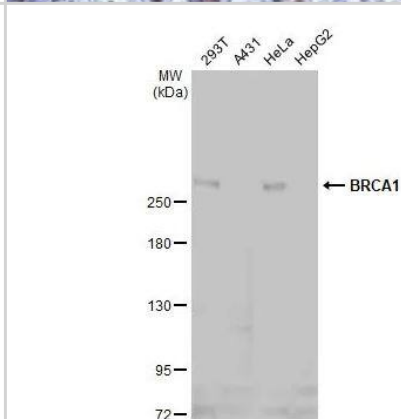
Western Blot: BRCA1 Antibody (8F7) [NBP1-41186] - Non-transfected (-) and transfected (+) 293T whole cell extracts (60 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with BRCA1 antibody [8F7]. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Immunohistochemistry: BRCA1 Antibody (8F7) [NBP1-41186] - Paraffin-embedded Breast ca, using BRCA1 antibody at 1:200 dilution.



Western Blot: BRCA1 Antibody (8F7) [NBP1-41186] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with BRCA1 antibody [8F7] diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Publications

Chomiak AA, Guo Y, Kopsidas CA et al. Nde1 is required for heterochromatin compaction and stability in neocortical neurons iScience 2022-06-17 [PMID: 35601919]

Guo Y, Chomiak AA, Hong Y et al. Histone H2A ubiquitination resulting from Brap loss of function connects multiple aging hallmarks and accelerates neurodegeneration iScience 2022-07-15 [PMID: 35754718] (WB, Mouse)

Turner NC, Lord CJ, Iorns E et al. A synthetic lethal siRNA screen identifying genes mediating sensitivity to a PARP inhibitor. EMBO J 2008-05-01 [PMID: 18388863] (IF/IHC, Human)

Lee MN, Tseng RC, Hsu HS et al. Epigenetic inactivation of the chromosomal stability control genes BRCA1, BRCA2, and XRCC5 in non-small cell lung cancer. Clin Cancer Res 2007-02-01 [PMID: 17289874] (IF/IHC, Human)

Al-Mulla F, Abdulrahman M, Varadharaj G et al. BRCA1 gene expression in breast cancer: a correlative study between real-time RT-PCR and immunohistochemistry. J Histochem Cytochem 2005-05-01 [PMID: 15872055] (IF/IHC, Human)

Bernard-Gallon DJ, Dechelotte PJ, Le Corre L et al. Differential expressions of BRCA1 and BRCA2 in infantile gynecomastia. Anticancer Res 2004-01-01 [PMID: 15015615] (IF/IHC, Human)

Ongusaha PP, Ouchi T, Kim KT et al. BRCA1 shifts p53-mediated cellular outcomes towards irreversible growth arrest. Oncogene 2003-06-01 [PMID: 12802282] (IF/IHC, Human)

Okada S, Ouchi T. Cell cycle differences in DNA damage-induced BRCA1 phosphorylation affect its subcellular localization. J Biol Chem 2003-01-01 [PMID: 12427729] (IF/IHC, Human)

Reed W, Sandstad B, Holm R et al. The prognostic impact of hormone receptors and c-erbB-2 in pregnancy-associated breast cancer and their correlation with BRCA1 and cell cycle modulators. Int J Surg Pathol 2003-04-01 [PMID: 12754622] (IF/IHC, Human)

Bernard-Gallon DJ, Dechelotte P, Vissac C et al. BRCA1 and BRCA2 protein expressions in an ovotestis of a 46, XX true hermaphrodite. Breast Cancer Res 2001-01-01 [PMID: 11250747] (IF/IHC, Human)





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Products Related to NBP1-41186

| | |
|--------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| H00000672-P01-25ug | Recombinant Human BRCA1 GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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