



## BRCAA1 Antibody

CATALOG NUMBER: 47-142

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	WB
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1323 - Human Breast Tumor Tissue Lysate
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to amino acids 1046-1055 of human BRCAA1 conjugated to KLH.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Immunoaffinity chroma-tography
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS
<b>STORAGE CONDITIONS:</b>	BRCAA1 antibody can be stored at 4°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.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	NKX3.1, NKX3A, Homeobox protein NK-3 homolog A, NKX3, BAPX2
<b>ACCESSION NO.:</b>	Q99801
<b>PROTEIN GI NO.:</b>	17377578
<b>OFFICIAL SYMBOL:</b>	NKX3-1
<b>GENE ID:</b>	4824

### Background

<b>BACKGROUND:</b>	The novel peptide sequence SSKKQKRSHK within BRCAA1 protein was mapped to the cytoplasm of MCF-7 cells. Immunohistochemical analysis demonstrated that this sequence was expressed in 65% of breast tumors. Its expression may be useful in diagnosis and prognosis of breast cancer.
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**FOR RESEARCH USE ONLY**

December 13, 2016