



Anti-NBR1 (aa 2-96) polyclonal antibody (DPAB-DC1880)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene was originally identified as an ovarian tumor antigen monitored in ovarian cancer. The encoded protein contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants.
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Immunogen	NBR1 (NP_005890, 2 a.a. ~ 96 a.a) partial recombinant protein with GST tag. The sequence is EPQVTLNVTFKNEIQSFLVSDPENTTWADIEAMVKVSFDLNTIQIKYLDEENEEVSINSQ GEYEEALKMAVKQGNQLQMQVHEGHHVVDEAPPPV
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Source/Host	Mouse
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Species Reactivity	Human
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Conjugate	Unconjugated
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Applications	WB (Recombinant protein), ELISA,
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Size	50 µl
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Buffer	50 % glycerol
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Preservative	None
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Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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GENE INFORMATION

Gene Name	NBR1 neighbor of BRCA1 gene 1 [Homo sapiens (human)]
Official Symbol	NBR1
Synonyms	NBR1; neighbor of BRCA1 gene 1; IAI3B; M17S2; MIG19; 1A1-3B; next to BRCA1 gene 1 protein; B-box protein; migration-inducing protein 19; cell migration-inducing gene 19 protein; membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125);
Entrez Gene ID	4077
Protein Refseq	NP_001278500
UniProt ID	Q14596
Chromosome Location	17q21.31
Function	mitogen-activated protein kinase binding; protein binding; ubiquitin binding; zinc ion binding