



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

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| 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. |
| Immunogen | NBR1 (NP_005890, 2 a.a. ~ 96 a.a) partial recombinant protein with GST tag. The sequence is EPQVTLNVTFKNEIQSFLVSDPENTTWADIEAMVKVSFDLNTIQIKYLDEENEEVSINSQ GEYEEALKMAVKQGNQLQMQLVHEGHVVDEAPPPV |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| 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 |
