



# NBR1 Rabbit rabbit pAb

Cat No.:ES20659

For research use only

## Overview

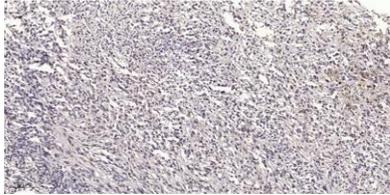
<b>Product Name</b>	NBR1 Rabbit rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	IHC-p 1:50-300
<b>Immunogen</b>	Recombinant Protein of NBR1
<b>Specificity</b>	The antibody detects endogenous NBR1 protein
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Next to BRCA1 gene 1 protein (Cell migration-inducing gene 19 protein) (Membrane component chromosome 17 surface marker 2) (Neighbor of BRCA1 gene 1 protein) (Protein 1A1-3B)
<b>Gene Name</b>	NBR1 1A13B KIAA0049 M17S2 MIG19
<b>Cellular localization</b>	Cytoplasm . Cytoplasmic vesicle, autophagosome . Lysosome . Cytoplasm, myofibril, sarcomere, M line . In cardiac muscles localizes to the sarcomeric M line (By similarity). Is targeted to lysosomes for degradation (PubMed:19250911). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	120kD
<b>Human Gene ID</b>	4077
<b>Human Swiss-Prot Number</b>	Q14596
<b>Alternative Names</b>	Next to BRCA1 gene 1 protein (Cell migration-inducing gene 19 protein;Membrane component chromosome 17 surface marker 2;Neighbor of BRCA1 gene 1 protein;Protein 1A1-3B)





## Background

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. [provided by RefSeq, Apr 2014],



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3, Secondary antibody was diluted at 1:2

