Datasheet for ABIN7250371

anti-NBR1 antibody

2 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	NBR1
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NBR1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Protein of NBR1
Clone:	4C6
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	NBR1
Alternative Name:	NBR1 (NBR1 Products)
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

Target Details

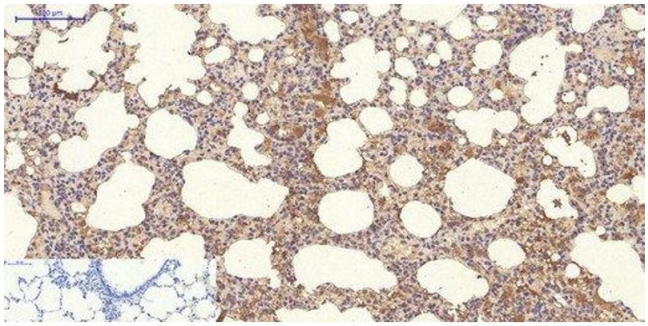
	present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants.NBR1 (NBR1, Autophagy Cargo Receptor) is a Protein Coding gene. Diseases associated with NBR1 include Inclusion Body Myositis and Synucleinopathy. Among its related pathways are Mitophagy - animal. GO annotations related to this gene include ubiquitin binding and mitogen-activated protein kinase binding.
UniProt:	Q14596
Pathways:	Autophagy

Application Details

Application Notes:	IHC 1:50-300, IF 1:50-1:200
Restrictions:	For Research Use only

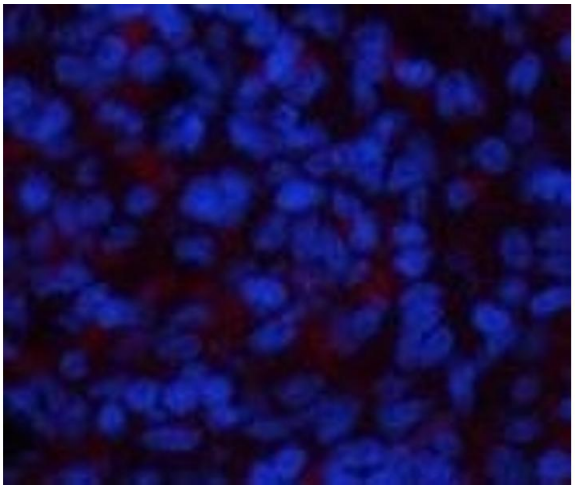
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat lung tissue using NBR1 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence

Image 2. Immunofluorescence analysis of Rat spleen tissue using NBR1 Monoclonal Antibody at dilution of 1:200.

