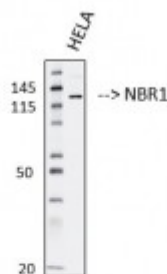


Anti-NBR1 antibody



Western Blot (WB) analysis of HELA cells using Anti-NBR1 antibody. (STJ98902)



Description

NBR1 is a protein encoded by the NBR1 gene which is approximately 107,4 kDa. NBR1 is localised to the cytoplasm and is involved in animal mitophagy. It contains a B-box/coiled-coil motif and functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. NBR1 is expressed in the nervous system, bone marrow, lung and muscle. Mutations in the NBR1 gene may result in inclusion body myositis and synucleinopathy. STJ98902 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This primary antibody detects endogenous NBR1 protein.

Model	STJ98902
Host	Mouse
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Recombinant peptide derived from NBR1.
Gene ID	4077
Gene Symbol	NBR1
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	The antibody detects endogenous NBR1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).

Protein Name	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
Molecular Weight	120kDa
Clonality	Monoclonal
Conjugation	Unconjugated
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6746OMIM:166945
Alternative Names	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
Function	Acts probably as a receptor for selective autophagosomal degradation of ubiquitinated targets.
Sequence and Domain Family	The PB1 domain mediates interaction with SQSTM1.
Cellular Localization	Cytoplasm Cytoplasmic vesicle, autophagosome Lysosome Cytoplasm, myofibril, sarcomere, M line. In cardiac muscles localizes to the sarcomeric M line . Is targeted to lysosomes for degradation .

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