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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NBR1 monoclonal antibody (M01), clone 6B11

Catalog # : H00004077-M01

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant NBR1.

Immunogen: NBR1 (NP_005890, 2 a.a. ~ 96 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

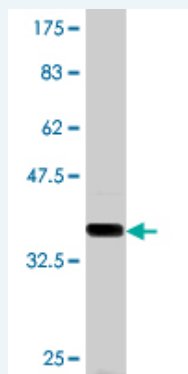
Sequence: EPQVTLNVTFKNEIQSFLVSDPENTTWADIEAMVKVSFDLNTIQIKYLDEE NEEVSINSQGEYEEALKMAVKQGNQLQMQVHEGHVDEAPPPV

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.19 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

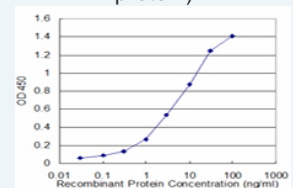
Publication Reference

- [Peroxin Pex14p is the key component for coordinated autophagic degradation of mammalian peroxisomes by direct binding to LC3-II.](#)
Jiang L, Hara-Kuge S, Yamashita SI, Fujiki Y *Genes Cells*. 2014 Oct 31. doi: 10.1111/gtc.12198.
- [Selective VPS34 inhibitor blocks autophagy and uncovers a role for NCOA4 in ferritin degradation and iron homeostasis in vivo.](#)
Dowdle WE, Nyfeler B, Nagel J, Elling RA, Liu S, Triantafellow E, Menon S, Wang Z, Honda A, Pardee G, Cantwell J, Luu C, Cornella-Taracido I, Harrington E, Fekkes P, Lei H, Fang Q, Digan ME, Burdick D, Powers AF, Helliwell S *Nat Cell Biol*. 2014 Nov;16(11):1069-79. doi: 10.1038/ncb3053. Epub 2014 Oct 19.

Application Image

Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

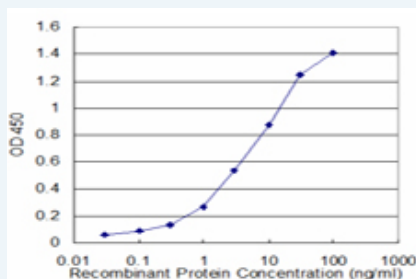
3. Brain region- and age-dependent dysregulation of p62 and NBR1 in a mouse model of Huntington's disease.
Rue L, Lopez-Soop G, Gelpi E, Martinez-Vicente M, Alberch J, Perez-Navarro E. *Neurobiol Dis.* 2013 Jan 4. pii: S0969-9961(12)00400-7. doi: 10.1016/j.nbd.2012.12.008.
4. NBR1 acts as an autophagy receptor for peroxisomes.
Deosaran E, Larsen KB, Hua R, Sargent G, Wang Y, Kim S, Lamark T, Jauregui M, Law K, Lippincott-Schwartz J, Brech A, Johansen T, Kim PKJ *Cell Sci.* 2013 Feb 15;126(Pt 4):939-52. doi: 10.1242/jcs.114819. Epub 2012 Dec 13.
5. Molecular determinants of selective clearance of protein inclusions by autophagy.
Wong E, Bejarano E, Rakshit M, Lee K, Hanson HH, Zaarur N, Phillips GR, Sherman MY, Cuervo AM. *Nat Commun.* 2012 Dec 4;3:1240. doi: 10.1038/ncomms2244.
6. Nbr1 is a novel inhibitor of ligand-mediated RTK degradation.
Mardakheh FK, Auciello G, Dafforn TR, Rappoport JZ, Heath JK. *Mol Cell Biol.* 2010 Oct 11. [Epub ahead of print]
7. Spred2 interaction with the late endosomal protein NBR1 down-regulates fibroblast growth factor receptor signaling.
Mardakheh FK, Yekezare M, Machesky LM, Heath JK. *J Cell Biol.* 2009 Oct 12. [Epub ahead of print]

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged NBR1 is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4077](#)

GeneBank [NM_005899](#)

Accession#:

Protein [NP_005890](#)

Accession#:

Gene Name: NBR1

Gene Alias: 1A1-3B,KIAA0049,M17S2,MIG19

Gene Description: neighbor of BRCA1 gene 1

Omim ID: [166945](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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, but the function of this protein is unknown. This gene is located on a region of chromosome 17q21.1 that is in close proximity to tumor suppressor gene BRCA1. Three alternatively spliced variants encoding the same protein have been identified for this gene. [provided by RefSeq

Other membrane component, chromosome 17, surface marker 2 (ovarian
Designations: carcinoma antigen CA125),migration-inducing protein 19

Related Disease

Tobacco Use Disorder

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