

Product Name: Nogo B Receptor Rabbit Monoclonal Antibody
Catalog #: AMRe02349



Summary

Production Name	Nogo B Receptor Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	NUS1
Alternative Names	NgBR; MRD55; CDG1AA; C6orf68; TANGO14; MGC:7199
Gene ID	116150
SwissProt ID	Q96E22

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

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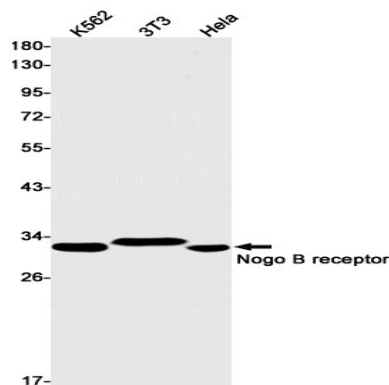
Background

With DHDDS, forms the dehydrodolichyl diphosphate synthase (DDS) complex, an essential component of the dolichol monophosphate (Dol-P) biosynthetic machinery. Both subunits contribute to enzymatic activity, i.e. condensation of multiple copies of isopentenyl pyrophosphate (IPP) to farnesyl pyrophosphate (FPP) to produce dehydrodolichyl diphosphate (Dedol-PP), a precursor of dolichol phosphate which is utilized as a sugar carrier in protein glycosylation in the endoplasmic reticulum (ER) (PubMed:21572394, PubMed:25066056, PubMed:28842490). Regulates the glycosylation and stability of nascent NPC2, thereby promoting trafficking of LDL-derived cholesterol. Acts as a specific receptor for the N-terminus of Nogo-B, a neural and cardiovascular regulator (PubMed:16835300).

Research Area

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Image Data



Western blot analysis of Nogo B receptor in K562, 3T3, HeLa lysates using Nogo B Receptor antibody.

Note

For research use only.