

Nogo B Receptor Rabbit mAb
Catalog # AP75815**Specification****Nogo B Receptor Rabbit mAb - Product Information**

Application	WB
Primary Accession	Q96E22
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	33224

Nogo B Receptor Rabbit mAb - Additional Information**Gene ID** 116150**Other Names**
NUS1**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Nogo B Receptor Rabbit mAb - Protein Information****Name** NUS1 {ECO:0000303|PubMed:28842490, ECO:0000312|HGNC:HGNC:21042}**Function**

With DHDDS, forms the dehydrololichyl diphosphate synthase (DDS) complex, an essential component of the dolichol monophosphate (Dol-P) biosynthetic machinery (PubMed:21572394, PubMed:25066056, PubMed:28842490, PubMed:32817466, PubMed:33077723). Both subunits contribute to enzymatic activity, i.e. condensation of multiple copies of isopentenyl pyrophosphate (IPP) to farnesyl pyrophosphate (FPP) to produce dehydrololichyl 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, PubMed:32817466, PubMed:33077723). Synthesizes long- chain polyprenols, mostly of C95 and C100 chain length (PubMed:32817466). Regulates

the glycosylation and stability of nascent NPC2, thereby promoting trafficking of LDL-derived cholesterol (PubMed:21572394). Acts as a specific receptor for the N-terminus of Nogo-B, a neural and cardiovascular regulator (PubMed:16835300).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Colocalizes with Nogo-B during VEGF and wound healing angiogenesis

Nogo B Receptor Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nogo B Receptor Rabbit mAb - Images

