Product Datasheet

Nogo B Receptor Rabbit mAb

Catalog No: #52467

Package Size: #52467-1 50ul #52467-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

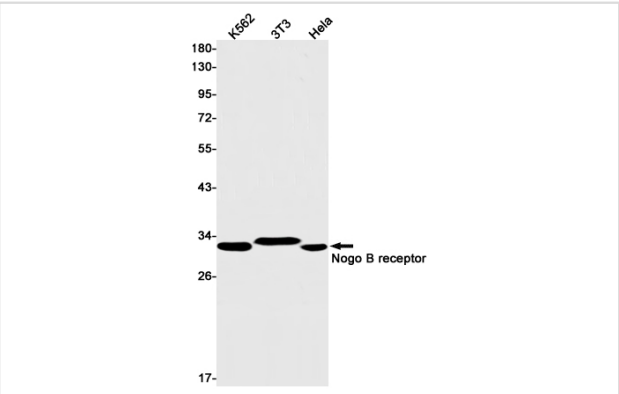
Description

Product Name	Nogo B Receptor Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-3K8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Nogo B receptor
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NgBR; MRD55; CDG1AA; C6orf68; TANGO14; MGC:7199
Accession No.	Swiss-Prot:Q96E22GeneID:
Uniprot	Q96E22
Calculated MW	Calculated MW: 33 kDa; Observed MW: 33 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Nogo B receptor in K562,3T3,Hela cell lysates using Nogo B receptor Rabbit mAb(1:1000 diluted).Predicted band size:33kDa.Observed band size:33kDa.

Background

Swiss-Prot Acc.Q96E22.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).

Note: This product is for in vitro research use only