Datasheet for ABIN635859

anti-Neuropilin 1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	Neuropilin 1 (NRP1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Neuropilin antibody was raised using the N terminal of NETO2 corresponding to a region with amino acids GIKHIPATQCGIWVRTSNGGHFASPNYPDSYPPNKECIYILEAAPRQRIE
Specificity:	Neuropilin antibody was raised against the N terminal of NETO2
Purification:	Affinity purified

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	Neuropilin
Background:	NETO2 is a predicted transmembrane protein containing two extracellular CUB domains followed by a low-density lipoprotein class A (LDLa) domain. It also has an intracellular FXNPXY-like motif, which has been shown in other proteins to be essential for the

Target Details

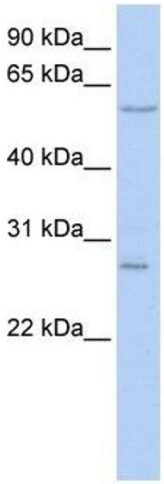
	internalization of clathrin coated pits during endocytosis.
Molecular Weight:	57 kDa (MW of target protein)
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Neuropilin Blocking Peptide, (ABIN938715), is also available for use as a blocking control in assays to test for specificity of this Neuropilin antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NETO2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. Neuropilin antibody used at 1 ug/ml to detect target protein.