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Datasheet for ABIN655525
anti-NRP2 antibody (C-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	NRP2
Binding Specificity:	AA 798-827, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Neuropilin-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 798-827 amino acids from the C-terminal region of human Neuropilin-2.
Clone:	RB19998
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NRP2
Alternative Name:	Neuropilin-2 (NRP2 Products)

Target Details

Background:	This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Molecular Weight:	104831
Gene ID:	8828
NCBI Accession:	NP_003863 , NP_061004 , NP_957716 , NP_957718 , NP_957719 , NP_958436
UniProt:	O60462
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

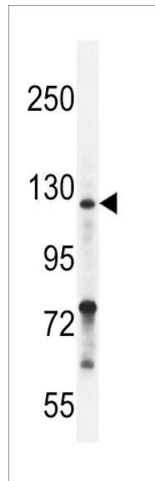
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Wang, Wu, Zhou, Guo, Zheng, Wang, Bi, Liu, Zhou, Guo, Sha: "Mapping of the N-linked
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glycoproteome of human spermatozoa." in: **Journal of proteome research**, Vol. 12, Issue 12, pp. 5750-9, (2013) ([PubMed](#)).



Western Blotting

Image 1. Neuropilin-2 Antibody (C-term) (ABIN655525 and ABIN2845038) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the Neuropilin-2 antibody detected the Neuropilin-2 protein (arrow).