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Datasheet for ABIN6144863  
**anti-NRP2 antibody (AA 443-740)**

1 Image

Overview

Quantity:	100 µL
Target:	NRP2
Binding Specificity:	AA 443-740
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 443-740 of human NRP2 (NP_003863.2).
Sequence:	GLIADSQISA SSTQEYLWSP SAARLVSSRS GWFPRIPQAQ PGEEWLQVDL GTPKTVKGV IQGARGGDSI TAVEARAFVR KFKVSYSLNG KDWEYIQDPR TQQPKLFEFN MHYDTPDIRR FDPIPAQYVR VYPERWSPAG IGMRLVLGC DWTDKPTVE TLGPTVKSEE TTTYPTTEE ATECGENCSE EDDKDLQLPS GFNCNDFLE EPCGWMYDHA KWLRTTWASS SSPNDRTFPD DRNFLRLQSD SQREGQYARL ISPPVHLPRS PVCMEFYQQA TGGRGVALQV VREASQES
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	NRP2
Alternative Name:	NRP2 ( <a href="#">NRP2 Products</a> )
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.,NRP2,NP2,NPN2,PRO2714,VEGF165R2,neuropilin-2,Neuroscience,Cell Type Marker,Cardiovascular,Angiogenesis,Neuron marker,Growth Cone,NRP2
Molecular Weight:	62 kDa/101 kDa/102 kDa/104 kDa
Gene ID:	8828
UniProt:	<a href="#">O60462</a>
Pathways:	<a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">VEGFR1 Specific Signals</a>

## Application Details

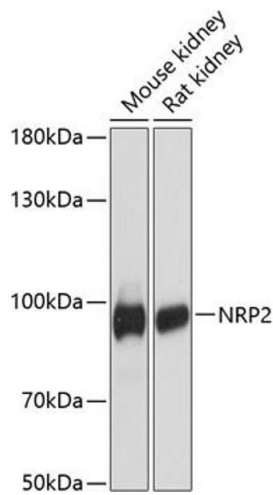
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using NRP2 antibody (ABIN6128378, ABIN6144863, ABIN6144864 and ABIN6216499) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.