

Rabbit Anti-Human NRP1 Polyclonal Antibody (DPABH-26510)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant funsion protein containing a sequence corresponding to amino acids 370-609 of human NRP1 (NP_001019800.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB
Positive Control	U-251MG
Format	Liquid
Size	50 μl, 100 μl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction

This gene encodes one of two neuropilins, which contain specific protein domains which allow

Tel: 1-631-624-4882 Fax: 1-631-938-8221

Email: info@creative-diagnostics.com

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them to participate in several different types of signaling pathways that control cell migration.
Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding,
coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-
spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various
types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands
and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and
semaphorin family members. Several alternatively spliced transcript variants that encode
different protein isoforms have been described for this gene.
NRP1; neuropilin 1; NP1; NRP; BDCA4; CD304; VEGF165R; neuropilin-1; transmembrane receptor; vascular endothelial cell growth factor 165 receptor;

GENE INFORMATION

Entrez Gene ID	<u>8829</u>
UniProt ID	<u>014786</u>