

## Product datasheet for **TA357528**

### Neuropilin 1 (NRP1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NRP1
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72kDa
Gene Name:	neuropilin 1
Database Link:	<a href="#">NP_001019799</a> <a href="#">Entrez Gene 8829 Human</a> <a href="#">O14786-2</a>
Background:	NRP1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both vascular endothelial growth factor (VEGF; MIM 192240) and semaphorin (see SEMA3A; MIM 603961) family members. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.



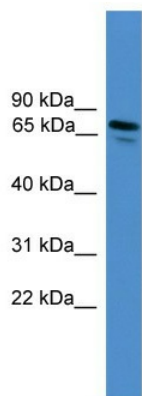
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**Synonyms:** BDCA4; CD304; DKFZp686A03134; DKFZp781F1414; neuropilin-1; NP1; NRP; OTTHUMP00000020818; VEGF165R

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Axon guidance

### Product images:



WB Suggested Anti-NRP1 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: HepG2 cell lysate  
There is BioGPS gene expression data showing that NRP1 is expressed in HepG2