

## Product datasheet for **TA339003**

### DCC Rabbit Polyclonal Antibody

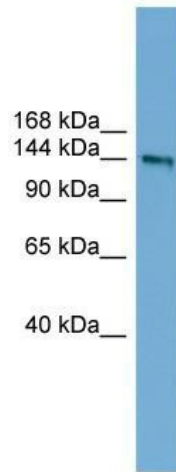
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DCC antibody: synthetic peptide directed towards the middle region of human DCC. Synthetic peptide located within the following region: PIGQMHPHGSVTPQKNSNLLVIIVTVGVITLVVVIVAVICTRRSSAQ
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:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	158 kDa
Gene Name:	DCC netrin 1 receptor
Database Link:	<a href="#">NP_005206</a> <a href="#">Entrez Gene 1630 Human P43146</a>



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- Background:** This gene encodes a netrin 1 receptor. The transmembrane protein is a member of the immunoglobulin superfamily of cell adhesion molecules, and mediates axon guidance of neuronal growth cones towards sources of netrin 1 ligand. The cytoplasmic tail interacts with the tyrosine kinases Src and focal adhesion kinase (FAK, also known as PTK2) to mediate axon attraction. The protein partially localizes to lipid rafts, and induces apoptosis in the absence of ligand. The protein functions as a tumor suppressor, and is frequently mutated or downregulated in colorectal cancer and esophageal carcinoma. [provided by RefSeq, Oct 2009]
- Synonyms:** CRC18; CRCR1; IGDC1; MRMV1; NTN1R1
- Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%
- Protein Families:** Druggable Genome, Transmembrane
- Protein Pathways:** Axon guidance, Colorectal cancer, Pathways in cancer
- Product images:**



WB Suggested Anti-DCC Antibody Titration: 0.2-1 ug/ml; Positive Control: ACHN cell lysate