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DCC

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:158kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human DCC

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CRC18; CRCR1; MRMV1; IGDCC1; NTN1R1

Catalog #:A9372

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1630

Isotype: IgG

Swiss Prot:P43146

Purity: Affinity purification

For research use only.

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.

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