

A9372

Leader in Biomolecular Solutions for Life Science



DCC Rabbit pAb

Catalog No.: A9372

Basic Information

Observed MW

158kDa

Calculated MW

158kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1630

Swiss Prot

P43146

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CRC18; CRCR1; MRMV1; HGPPS2; IGDCC1; NTN1R1; DCC

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

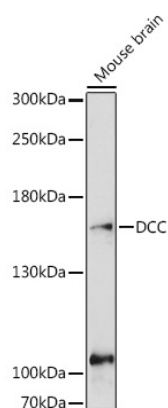
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse brain, using DCC Rabbit pAb (A9372) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 300s.