Anti-DCC (aa 1079-1128) polyclonal antibody (DPABH-12547)

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

PRODUCT INFORMATION

Antigen Description
Receptor for netrin required for axon guidance. Mediates axon attraction of neuronal growth cones in the developing nervous system upon ligand binding. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Implicated as a tumor suppressor gene.

Immunogen
Synthetic peptide, corresponding to a region within internal sequence amino acids 1079-1128 (PIGQMHPPHG SVTPQKNSNL LVIVVTVGV ITVLVVVIVA VICTRRSSAQ) of Human DCC (NP_005206).

Isotype
IgG

Source/Host
Rabbit

Species Reactivity
Human

Purification
Immunogen affinity purified

Conjugate
Unconjugated

Applications
WB

Format
Liquid

Size
50 μg

Buffer
Constituents: 97% PBS, 2% Sucrose

Preservative
None

Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name
DCC deleted in colorectal carcinoma [ Homo sapiens ]

Official Symbol
DCC
| **Synonyms** | DCC; deleted in colorectal carcinoma; netrin receptor DCC; IGDCC1; immunoglobulin superfamily; DCC subclass; member 1; colorectal tumor suppressor; colorectal cancer suppressor; tumor suppressor protein DCC; deleted in colorectal cancer protein; immunoglobulin superfamily DCC subclass member 1; immunoglobulin superfamily, DCC subclass, member 1; CRC18; CRCR1; |
| **Entrez Gene ID** | 1630 |
| **Protein Refseq** | NP_005206 |
| **UniProt ID** | P43146 |
| **Chromosome Location** | 18q21.1 |
| **Pathway** | Apoptosis; Axon guidance; Cell-Cell communication; Colorectal cancer; |
| **Function** | identical protein binding; netrin receptor activity; protein binding; receptor activity; transcription coactivator activity; transmembrane signaling receptor activity; |