

Rabbit DCC Polyclonal Antibody | anti-DCC antibody

Anti-DCC antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45454	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

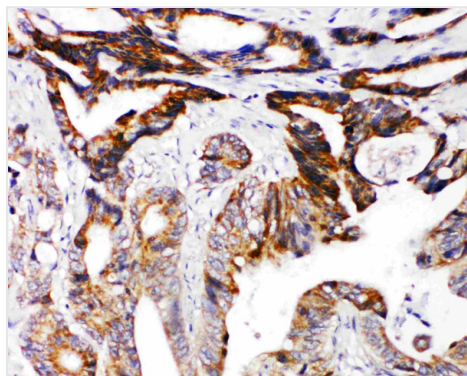
PRODUCT SYNONYMS

DCC; Polyclonal Antibody; Anti-DCC antibody; Netrin receptor DCC; deleted in colorectal carcinoma; Colorectal cancer related chromosome sequence 18 antibody; Colorectal cancer suppressor antibody; CRC 18 antibody; CRC18 antibody; CRCR 1 antibody; CRCR1 antibody; DCC antibody; DCC_HUMAN antibody; Deleted in colorectal cancer protein antibody; Deleted in colorectal carcinoma antibody; Immunoglobulin superfamily DCC subclass member 1 antibody; Netrin receptor DCC antibody; Tumor suppressor protein DCC antibody; anti-DCC antibody

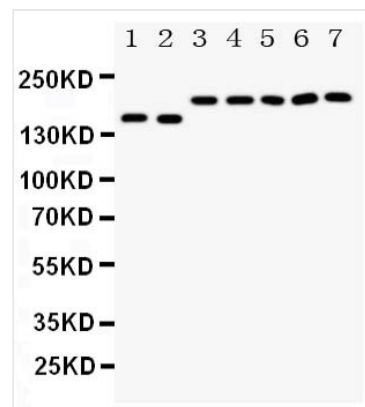
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Liquid; Contains 20mM PBS, 50% glycerol, 0.02% NaN ₃
Concentration	200ug/ml (varies by lot)
Sequence Length	1447
Applicable Applications for anti-DCC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human DCC (162-178aa EVIGEPMPPTIHWQKNQQ), identical to the related mouse sequence, and different from the related rat sequence by one amino acid.
Preparation and Storage	At -20°C for 1 year, 4°C for one month. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-DCC antibody, AAA45454, IHC(P)IHC(P): Human Intestinal Cancer Tissue


WB (Western Blot)

Anti-DCC antibody, AAA45454, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Mouse Brain Tissue Lysate
Lane 3: U87 Cell Lysate
Lane 4: SW620 Cell Lysate
Lane 5: COLO320 Cell Lysate
Lane 6: 293T Cell Lysate
Lane 7: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-DCC antibody	DCC(Deleted IN Colorectal Carcinoma) also known as CRC18 or CRCR1. The DCC gene encodes a functional receptor for netrin and mediates axon outgrowth and the steering response. Heterozygous loss-of-function mutations in DCC can result in congenital mirror movements. Alterations in DCC occur frequently in colorectal cancer. Studying a YAC contig containing the entire DCC coding region, they showed that the DCC gene spans approximately 1.4 Mb. Vogelstein(1995) stated that the precise location of the DCC gene was though to be 18q21.3. DCC is a receptor or a component of a receptor that mediates the effects of netrin-1 on commissural axons, and they complement genetic evidence for interactions between DCC and netrin homologs in C. DCC protein could be detected in varying abundance in all specimens of normal colonic mucosa analyzed as well as in all specimens of adenomatous polyps, colorectal carcinoma and colorectal liver metastases. DCC may function as a tumor-suppressor protein by inducing apoptosis in settings in which ligand is unavailable(for example, during metastasis or tumor growth beyond local blood supply) through functional caspase cascades by a mechanism that requires cleavage of DCC at asp1290. Stein et al.(2001) concluded that DCC plays a central role in netrin signaling of axon growth and guidance independent of A2B receptor activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296434474
NCBI GeneID	1630
UniProt Accession #	P43146
NCBI Official Full Name	Netrin receptor DCC
NCBI Official Synonym Full Names	DCC netrin 1 receptor
NCBI Official Symbol	DCC
NCBI Official Synonym Symbols	CRC18; CRCR1; MRMV1; IGDCC1; NTN1R1
NCBI Protein Information	netrin receptor DCC; colorectal tumor suppressor; colorectal cancer suppressor; tumor suppressor protein DCC; deleted in colorectal carcinoma; deleted in colorectal cancer protein; immunoglobulin superfamily DCC subclass member 1; immunoglobulin superfamily, DCC subclass, member 1
UniProt Protein Name	Netrin receptor DCC
UniProt Gene Name	DCC
UniProt Synonym Gene Names	IGDCC1
UniProt Entry Name	DCC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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