

Rabbit DCC Polyclonal Antibody | anti-DCC antibody

DCC Antibody (Center)

CATALOG # AAA286081	HOST Rabbit	REACTIVITY Mouse (Predicted Reactivity: Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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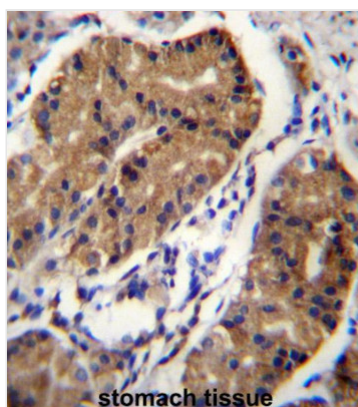
PRODUCT SYNONYMS

DCC; Polyclonal Antibody; DCC Antibody (Center); Netrin receptor DCC; Colorectal cancer suppressor; Immunoglobulin superfamily DCC subclass member 1; Tumor suppressor protein DCC; IGDCC1; anti-DCC antibody

PRODUCT SPECIFICATIONS

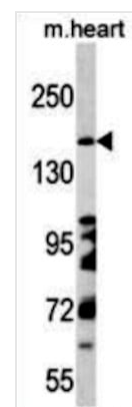
Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 643-670 amino acids from the Central region of human DCC.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	643-670
Sequence Length	1447
Applicable Applications for anti-DCC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DCC Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DCC Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DCC Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the DCC antibody detected the DCC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DCC antibody	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.
Product Categories/Family for anti-DCC antibody	Cell biology ; Neuroscience
References	Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Srouf, M., et al. Science 328 (5978), 592 (2010) : Docherty, S.J., et al. BMC Genet. 11, 61 (2010) : Li, W., et al. Nat. Neurosci. 7(11):1213-1221(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431348
NCBI GeneID	1630
NCBI Accession #	NP_005206.2
NCBI GenBank Nucleotide #	NM_005215.3
UniProt Accession #	P43146
Molecular Weight	158457
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
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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dcc-antibody-immunohistochemistry-western-blot-elisa/286081>