

# Anti-Netrin receptor DCC Antibody

0911-5



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Mouse
<b>Applications:</b>	WB, IF-Cell, IHC-P, FC
<b>Molecular Wt:</b>	Predicted band size: 90 kDa

<b>Description:</b>	Netrin receptor DCC (deleted colorectal carcinoma) was originally identified as a putative tumor suppressor gene that is lost in more than 70% of colorectal cancers. The DCC protein is a type I transmembrane glycoprotein that belongs to the immunoglobulin (Ig) superfamily. It is found in axons of the central and peripheral nervous system and in differentiated cell types of the intestine. Native DCC is found in three isoforms. Two forms, a long and a short isoform, are produced from the same gene but have different initiation sites. The third isoform, produced by alternative splicing, is expressed only in embryonic tissue. Colorectal tumors that lost their capacity to differentiate into mucus producing cells uniformly lack DCC expression. Inactivation of DCC due to allelic deletion or point mutations may cause both lymphatic and hematogenous metastasis of esophageal squamous cell carcinomas.
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<b>Immunogen:</b>	Recombinant protein with of Human Netrin receptor DCC aa 21-299 / 1447.
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<b>Positive control:</b>	Human brain, mouse brain
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<b>Subcellular location:</b>	Cell membrane
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<b>Database links:</b>	SwissProt: P43146 Human
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<b>Recommended Dilutions:</b>	
<b>WB</b>	1:500-1:1,000

<b>Storage Buffer:</b>	1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
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<b>Storage Instruction:</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.
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<b>Purity:</b>	Immunogen affinity purified.
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Orders:0086-571-88062880

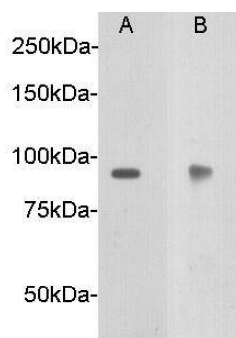
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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

## Images



**Fig1:** Western blot analysis on Hela using anti- Netrin receptor DCC polyclonal antibody

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

## Background References

1. "The DCC gene product in cellular differentiation and colorectal tumorigenesis." Hedrick L., Cho K.R., Fearon E.R., Wu T.-C., Kinzler K.W., Vogelstein B. *Genes Dev.* 8:1174-1183(1994).
2. "Identification of a chromosome 18q gene that is altered in colorectal cancers." Fearon E.R., Cho K.R., Nigro J.M., Kern S.E., Simons J.W., Ruppert J.M., Hamilton S.R., Preisinger A.C., Thomas G., Kinzler K.W., Vogelstein B. *Science* 247:49-56(1990)

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