

Anti-DDC (Netrin receptor DCC precursor) (Tumor suppressor protein DCC) Polyclonal Antibody

Cat. #: 60B422

Description:

DDC (Netrin receptor DCC) (Tumor suppressor protein DCC) is a receptor for netrin required for axon guidance. It 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. The protein implicated as a tumor suppressor gene. It interacts with the cytoplasmic part of UNC5A, UNC5B, UNC5C and probably UNC5D (By similarity). Colorectal tumors that lost their capacity to differentiate into mucus producing cells uniformly lack DCC expression. Inactivation of DCC due to allelic deletion and/or point mutations may cause both lymphatic and hematogenous metastasis of esophageal squamous cell carcinomas.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human DDC (Netrin receptor DCC precursor) (Tumor suppressor protein DCC)

References

Hedrick, L., et al, *Genes Dev.* 8 (10), 1174-1183 (1994)
Fearon, E.R., et al, *Science* 247 (4938), 49-56 (1990)
Cho, K.R., et al, *Genomics* 19 (3), 525-531 (1994)
Keino-Masu, K., et al, *Cell* 87 (2), 175-185 (1996)
Miyake, S., et al, *Cancer Res.* 54 (11), 3007-3010 (1994)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20°C

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)