


Anti-Dscam antibody ab51974

[1 Abreviews](#) [2 图像](#)

概述

产品名称	Anti-Dscam抗体
描述	山羊多克隆抗体to Dscam
宿主	Goat
特异性	This antibody is expected to recognise both reported isoforms.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Dog 
免疫原	Peptide with sequence CDSWDSAQRTKDVSPQ, from the internal region of the protein sequence (Human)
阳性对照	NIH/3T3 cell lysate
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab51974于以下的经测试应用

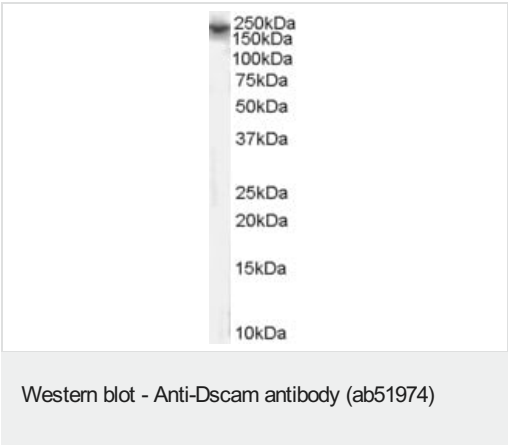
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 2 - 6 µg/ml. Detects a band of approximately 170 kDa. A 1 hour primary incubation is recommended for this product.

靶标

功能	Cell adhesion molecule that plays a role in neuronal self-avoidance. Promotes repulsion between specific neuronal processes of either the same cell or the same subtype of cells. Mediates within retinal amacrine and ganglion cell subtypes both isoneuronal self-avoidance for creating an orderly dendritic arborization and heteroneuronal self-avoidance to maintain the mosaic spacing between amacrine and ganglion cell bodies. Receptor for netrin required for axon guidance independently of and in collaboration with the receptor DCC. In spinal chord development plays a role in guiding commissural axons projection and pathfinding across the ventral midline to reach the floor plate upon ligand binding. Enhances netrin-induced phosphorylation of PAK1 and FYN. Mediates intracellular signaling by stimulating the activation of MAPK8 and MAP kinase p38.
组织特异性	Primarily expressed in brain.
序列相似性	Contains 6 fibronectin type-III domains. Contains 10 Ig-like C2-type (immunoglobulin-like) domains.
结构域	Ig-like C2-type domains 7 to 9 are sufficient for interaction with NTN1 and commissural axon outgrowth. The transmembrane domain is necessary for interaction with DCC.
翻译后修饰	Phosphorylated at tyrosine residues. Phosphorylation is enhanced by netrin.
细胞定位	Secreted and Cell membrane. Localized in the soma, cell membrane, axon and growth cone of dissociated commissural axons.

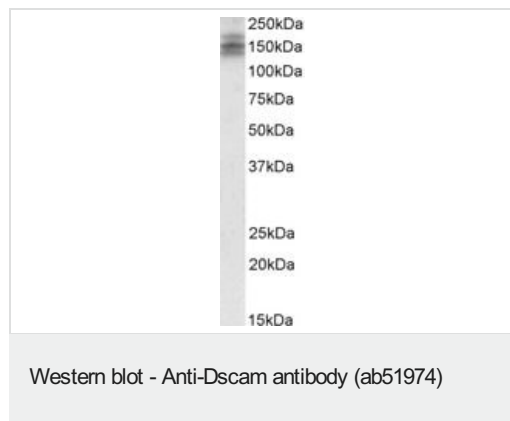
图片



Anti-Dscam antibody (ab51974) at 1 µg/ml + NIH/3T3 cell lysate in RIPA buffer at 35 µg

Observed band size: 200 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.



Anti-Dscam antibody (ab51974) at 2 µg/ml + Human Brain
(Cerebellum) lysate in RIPA buffer at 35 µg

Observed band size: 170 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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