abcam

Product datasheet

Anti-DCTN1/p150-glued antibody ab11806

★★★★★ 6 Abreviews 14 References 1 图像

概述

产品名称	Anti-DCTN1/p150-glued抗体
描述	**山羊多克隆抗体**to DCTN1/p150-glued
宿主	Goat
特异性	This antibody is expected to recognise both human isoforms.
经测试应用	**适用于:** IHC-P, WB
种属反应性	**与反应:** Human **预测可用于:** Rat, Drosophila melanogaster
免疫原	Synthetic peptide corresponding to Human DCTN1/p150-glued aa 1266-1278 (C terminal). Sequence: C-QEQLHQLHSRLIS (Peptide available as **ab23214**) Run BLAST with Run BLAST with
阳性对照	WB: HeLa cell lysates and MCF-7 cell lysates.
常规说明	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. 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

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: 7.3 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
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ab11806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。

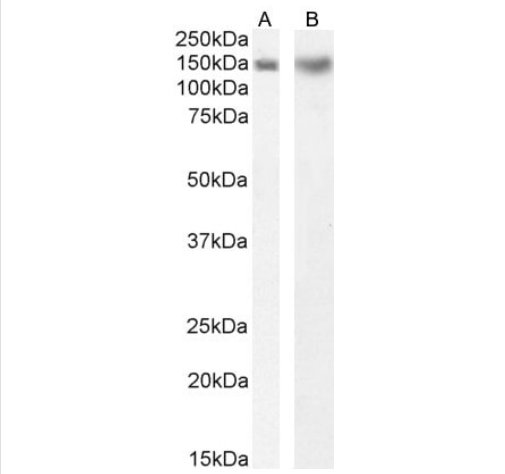
应用	Ab评论	说明
IHC-P	★★★★☆ (1)	Use a concentration of 2 - 4 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (2)	Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 150 kDa. A 1 hour primary incubation is recommended for this product. Approx 150kDa band observed in A549 and Human Testis lysates

靶标

功能	Required for the cytoplasmic dynein-driven retrograde movement of vesicles and organelles along microtubules. Dynein-dynactin interaction is a key component of the mechanism of axonal transport of vesicles and organelles.
组织特异性	Brain.
疾病相关	Defects in DCTN1 are the cause of distal hereditary motor neuronopathy type 7B (HMN7B) [MIM:607641]; also known as progressive lower motor neuron disease (PLMND). HMN7B is a neuromuscular disorder. Distal hereditary motor neuronopathies constitute a heterogeneous group of neuromuscular disorders caused by selective degeneration of motor neurons in the anterior horn of the spinal cord, without sensory deficit in the posterior horn. The overall clinical picture consists of a classical distal muscular atrophy syndrome in the legs without clinical sensory loss. The disease starts with weakness and wasting of distal muscles of the anterior tibial and peroneal compartments of the legs. Later on, weakness and atrophy may expand to the proximal muscles of the lower limbs and/or to the distal upper limbs. Defects in DCTN1 are a cause of susceptibility to amyotrophic lateral sclerosis (ALS) [MIM:105400]. ALS is a neurodegenerative disorder affecting upper and lower motor neurons, and resulting in fatal paralysis. Sensory abnormalities are absent. Death usually occurs within 2 to 5 years. The etiology is likely to be multifactorial, involving both genetic and environmental factors. Defects in DCTN1 are the cause of Perry syndrome (PERRYS) [MIM:168605]; also called parkinsonism with alveolar hypoventilation and mental depression. Perry syndrome is a neuropsychiatric disorder characterized by mental depression not responsive to antidepressant drugs or electroconvulsive therapy, sleep disturbances, exhaustion and marked weight loss. Parkinsonism develops later and respiratory failure occurred terminally.
序列相似性	Belongs to the dynactin 150 kDa subunit family. Contains 1 CAP-Gly domain.

翻译后修饰	Ubiquitinated by a SCF complex containing FBXL5, leading to its degradation by the proteasome.
细胞定位	Cytoplasm. Cytoplasm > cytoskeleton.

图片



Western blot - Anti-DCTN1/p150-glued antibody (ab11806)

Lane 1 : Anti-DCTN1/p150-glued antibody (ab11806) at 1 µg/ml
Lane 2 : Anti-DCTN1/p150-glued antibody (ab11806) at 0.5 µg/ml

Lane 1 : HeLa cell lysates
Lane 2 : MCF-7 cell lysates

Lysates/proteins at 35 µg per lane.

Predicted band size: 150 kDa

Detected by chemiluminescence.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors