

# Anti-Detyrosinated alpha Tubulin antibody - Microtubule Marker ab48389

★★★★★ [11 Abreviews](#) [77 References](#) [1 图像](#)

### 概述

产品名称	Anti-Detyrosinated alpha Tubulin抗体- Microtubule Marker
描述	兔多克隆抗体to Detyrosinated alpha Tubulin - Microtubule Marker
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	A 10 residue synthetic peptide of the C terminal domain of human alpha Tubulin.
常规说明	<p>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result, we are pleased to offer this antibody in a purified format as of 10/11/2017. The following lots are still unpurified and still in stock as of 10/11/2017- GR315444-5, GR315444-3 GR285350-3, GR3181389-3, GR3181389-4, GR3181389-5, GR3181389-6, GR3181389-7. Lot numbers other than GR315444-5, GR315444-3 GR285350-3, GR3181389-3, GR3181389-4, GR3181389-5, GR3181389-6, GR3181389-7 will be purified. Please note that the dilutions may need to be adjusted accordingly. Purified antibodies have the advantage of being enriched for the fraction of immunoglobulin that specifically reacts with the target antigen and for having a reduction of serum proteins.</p> <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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituents: 1.21% Tris, 0.75% Glycine, 2% Sucrose
纯度	Protein A purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab48389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	★★★★★ (6)	1/500 - 1/2000. Detects a band of approximately 51 kDa (predicted molecular weight: 50 kDa).

靶标

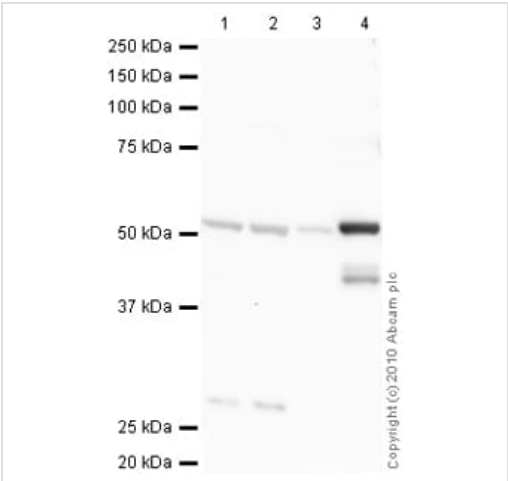
相关性

Microtubules are required for many well characterized functions in eukaryotic cells, including the movement of chromosomes in mitosis and meiosis, intracellular transport, establishment and maintenance of cellular morphology, cell growth, cell migration and morphogenesis in multicellular organisms. The building block of a microtubule is the tubulin subunit, a heterodimer of alpha and beta tubulin. Both of these monomers are found in all eukaryotes, and their sequences are highly conserved. The tubulin protein is a major target of drug molecules, and consequently, tubulin inhibitors have attracted great attention as antimitotic antitumor agents for chemotherapeutic use. This antibody recognizes detyrosinated alpha tubulin, a post translational modification of alpha tubulin.

细胞定位

Cytoplasmic

图片



Western blot - Anti-Detyrosinated alpha Tubulin antibody - Microtubule Marker (ab48389)

**All lanes :** Anti-Detyrosinated alpha Tubulin antibody - Microtubule Marker (ab48389) at 1/500 dilution

- Lane 1 :** Saos 2 (Human epithelial-like osteosarcoma cell line) Whole Cell Lysate
- Lane 2 :** U2OS (Human osteosarcoma cell line) Whole Cell Lysate
- Lane 3 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate
- Lane 4 :** Human Brain Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

- Lanes 1-3 :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution
- Lane 4 :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed

(HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 50 kDa

**Observed band size:** 51 kDa

**Additional bands at:** 28 kDa, 44 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 1 minute

Detyrosinated alpha Tubulin contains a number of potential phosphorylation sites (SwissProt) which may explain the migration pattern observed.

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

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- Extensive multi-media technical resources to help you
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