

# Anti-TUBA4A antibody ab116659

## 1 图像

### 概述

产品名称	Anti-TUBA4A抗体
描述	兔多克隆抗体to TUBA4A
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide conjugated to KLH, orresponding to a region within C terminal amino acids 416-446 of Human TUBA4A (NP_005991.1).
阳性对照	MDA-MB-435 cell lysate.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified
纯化说明	ab116659 was purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

### 应用

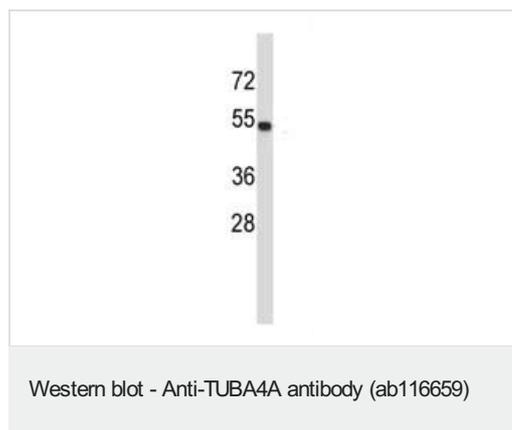
**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab116659于以下的经测试应用

“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		1/100 - 1/500. Predicted molecular weight: 50 kDa.

功能	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.
序列相似性	Belongs to the tubulin family.
翻译后修饰	Some glutamate residues at the C-terminus are polyglutamylated. This modification occurs exclusively on glutamate residues and results in polyglutamate chains on the gamma-carboxyl group. Also monoglycylated but not polyglycylated due to the absence of functional TTL10 in human. Monoglycylation is mainly limited to tubulin incorporated into axonemes (cilia and flagella) whereas glutamylation is prevalent in neuronal cells, centrioles, axonemes, and the mitotic spindle. Both modifications can coexist on the same protein on adjacent residues, and lowering glycylation levels increases polyglutamylated, and reciprocally. The precise function of such modifications is still unclear but they regulate the assembly and dynamics of axonemal microtubules. Acetylation of alpha-tubulins at Lys-40 stabilizes microtubules and affects affinity and processivity of microtubule motors. This modification has a role in multiple cellular functions, ranging from cell motility, cell cycle progression or cell differentiation to intracellular trafficking and signaling.
细胞定位	Cytoplasm > cytoskeleton.

图片



Anti-TUBA4A antibody (ab116659) at 1/100 dilution + MDA-MB-435 cell lysate at 35 µg

**Predicted band size:** 50 kDa

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

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