小鼠抗 TUBA1A 单克隆抗体

中文名称: 小鼠抗 TUBA1A 单克隆抗体

英文名称: Anti-TUBA1A mouse monoclonal antibody

别　　名: B-ALPHA-1; LIS3; TUBA3

抗　　原: TUBA1A

储　　存: 冷冻（-20℃） 避光

宿　　主: Mouse

反应种属: Human , Dog , Rat , Monkey , Mouse

相关类别: 一抗

标 记 物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulins. The genes encoding these microtubule constituents belong to the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes, which are highly conserved among species. This gene encodes alpha tubulin and is highly similar to the mouse and rat Tuba1 genes. Northern blotting studies have shown that the gene expression is pre

	dominantly found in morphologically differentiated neurologi c cells. This gene is one of three alpha-tubulin genes in a c luster on chromosome 12q. Mutations in this gene cause lis sencephaly type 3 (LIS3) - a neurological condition character ized by microcephaly, mental retardation, and early-onset ep ilepsy and caused by defective neuronal migration. Alternati ve splicing results in multiple transcript variants encoding di stinct isoforms. [provided by RefSeq, Jul 2012].
Applications:	WB, IHC
Name of antibody:	TUBA1A
Immunogen:	Fusion protein of human TUBA1A
Full name:	tubulin, alpha 1a (TUBA1A), transcript variant 1
Synonyms:	B-ALPHA-1; LIS3; TUBA3
SwissProt:	Q71U36
IHC positive control:	adenocarcinoma of human ovary tissue and adenocarcinoma of human breast tissue; adenocarcinoma of human endomet rium tissue and carcinoma of human liver tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	50 kDa
WB Positive control:	HepG2, Hela, SVT2, A549, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	500-2000

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