

KATNA1 Rabbit pAb

Catalog No.: A16491 **1 Publications**

Basic Information

Observed MW

Calculated MW

56kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

11104

Swiss Prot

O75449

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human KATNA1 (NP_001191005.1).

Synonyms

KATNA1

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

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Product Information

Source

Rabbit

Isotype

IgG

Purification

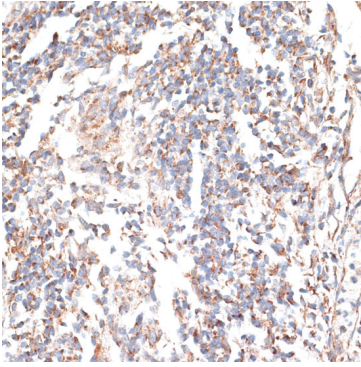
Affinity purification

Storage

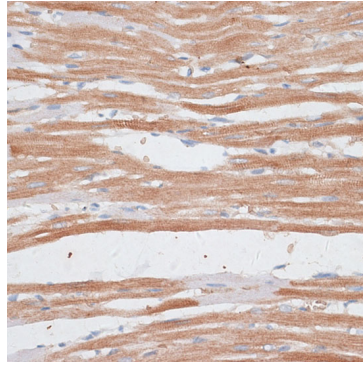
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

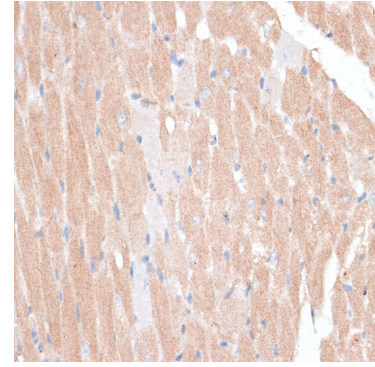
Validation Data



Immunohistochemistry analysis of paraffin-embedded human tonsil using KATNA1 Rabbit pAb (A16491) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using KATNA1 Rabbit pAb (A16491) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using KATNA1 Rabbit pAb (A16491) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.