A16491

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KATNA1 Rabbit pAb

Catalog No.: A16491

Basic Information

Observed MW

Calculated MW
56kDa

Category
Polyclonal Antibody

Applications
WB,IHC-P,ELISA

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

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Product Information

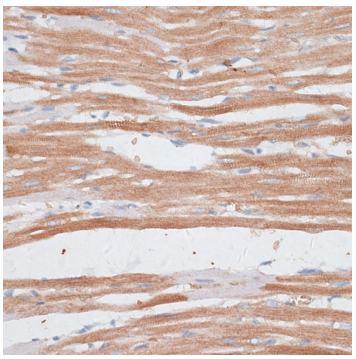
Source
Rabbit

Isotype
IgG

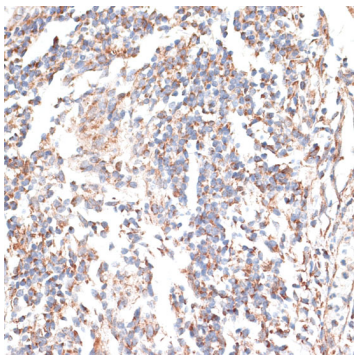
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

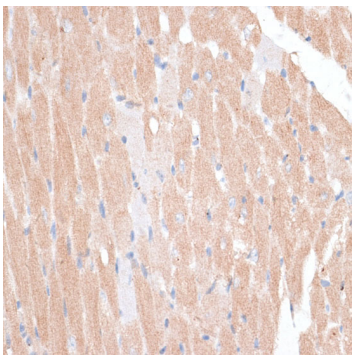
Validation Data



Immunohistochemistry analysis of KATNA1 in 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 KATNA1 in 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 KATNA1 in 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.