p60 katanin Rabbit mAb

Catalog No: #60104

Package Size: #60104-1 50ul #60104-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

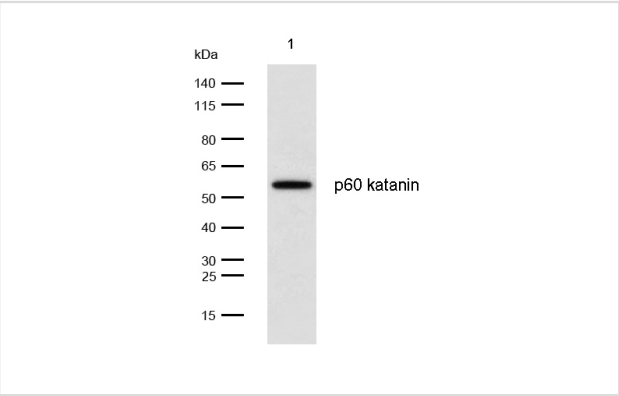
Product Name	p60 katanin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human
Specificity	p60 katanin Antibody detects endogenous levels of total p60 katanin
Immunogen Description	A synthesized peptide derived from human p60 katanin
Other Names	Katanin p60 ATPase containing subunit A1; Katanin p60 subunit A1; KATNA1; p60 katanin;
Accession No.	Uniprot:O75449
Calculated MW	Predicted band size: 56 kDa
SDS-PAGE MW	Observed band size: 56 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB: 1:500-1:2000

ICC/IF: 1:50-1:200

Images



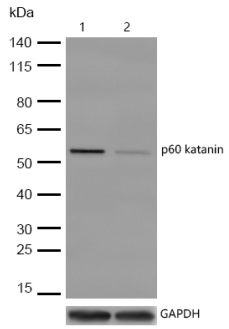
All lanes: p60 katanin Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 56 kDa
Observed band size: 56 kDa

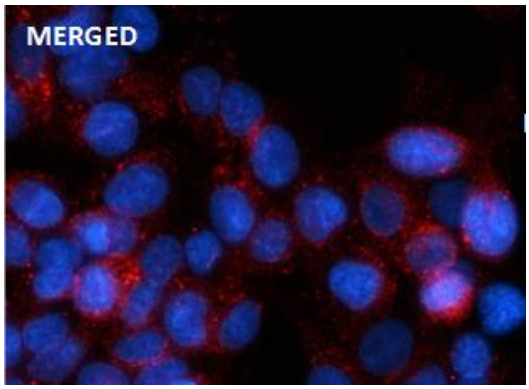
Exposure time: 5 seconds



All lanes:p60 katanin Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 :p60 katanin Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence p60 katanin antibody (60104) ICC/IF staining of p60 katanin in HepG2 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 60104 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays, such as during disassembly of interphase microtubules at the G2-M transition.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.