

Product Name: p60 Katanin Rabbit Monoclonal Antibody
Catalog #: AMRe02389

Summary

Production Name	p60 Katanin Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	KATNA1
Alternative Names	p60 katanin; Katanin p60 subunit A1
Gene ID	11104
SwissProt ID	O75449

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 56 kDa

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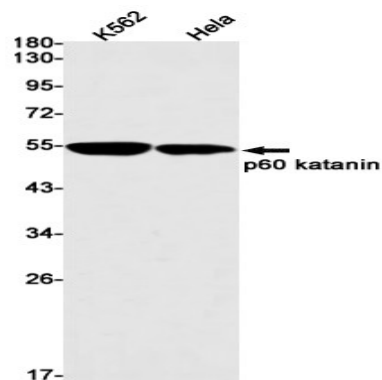
Background

Catalytic subunit of a complex which severs microtubules in an ATP-dependent manner. Microtubule severing may promote rapid reorganization of cellular microtubule arrays and the release of microtubules from the centrosome following nucleation. Microtubule release from the mitotic spindle poles may allow depolymerization of the microtubule end proximal to the spindle pole, leading to poleward microtubule flux and poleward motion of chromosome. Microtubule release within the cell body of neurons may be required for their transport into neuronal processes by microtubule-dependent motor proteins. This transport is required for axonal growth.

Research Area

Cell Biology

Image Data



Western blot analysis of p60 katanin in K562, HeLa lysates using p60 Katanin antibody.

Note

For research use only.