

MAP10 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57205

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9P2G4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100345

Additional Information

Gene ID	54627
Other Names	Microtubule-associated protein 10, Microtubule regulator of 120 KDa, MAP10, KIAA1383, MTR120
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MAP10
Synonyms	KIAA1383, MTR120
Function	Microtubule-associated protein (MAP) that plays a role in the regulation of cell division; promotes microtubule stability and participates in the organization of the spindle midzone and normal progress of cytokinesis.
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody. Note=Localized at stabilized microtubules (MTs) during interphase and to the mitotic apparatus during mitosis. Localized at spindle poles in metaphase and spindle midzone during telophase. Colocalized with Polo-like kinase PLK1 to the center of spindle midzone. Localized at the midbody during cytokinesis Colocalized with acetylated-tubulin at MTs
Tissue Location	Expressed in different cell lines (at protein level).

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