Datasheet for ABIN1435416

anti-MAP9 antibody (PE-Cy7)

Go to Product page

Overview

Quantity:	100 µL
Target:	MAP9
Reactivity:	Human, Mouse, Rat, Dog, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP9 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAP-9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MAP9
Alternative Name:	MAP-9 (MAP9 Products)
Background:	Synonyms: ASAP, Aster associated protein, MAP9, MAP 9, microtubule associated protein 9, MAP9_HUMAN. Background: Microtubules, the primary component of the cytoskeletal network, interact with proteins called microtubule-associated proteins (MAPs).MAP9 is a microtubule-associated

Target Details

	protein required for spindle function, mitotic progression, and cytokinesis.The microtubule-associated proteins can be divided into two groups, structural and dynamic. The MAP proteins function to stimulate tubulin assembly, enhance microtubule stability, influence the spatial distribution of microtubules within cells and utilize microtubule polarity to translocate cellular components. MAP-9 (microtubule-associated protein 9), also known as ASAP, is a 647 amino acid cytoplasmic protein that is constitutively expressed during the cell cycle. MAP-9 localizes to microtubules in interphase, associates with the mitotic spindle during mitosis and localizes to the central body during cytokinesis. Involved in organization of the bipolar mitotic spindle, MAP-9 is required for bipolar spindle assembly, mitosis progression and cytokinesis. MAP-9 may be involved in stabilizing interphase microtubules. Two isoforms of MAP-9 are produced due to alternative splicing events.
Molecular Weight:	74kDa
Gene ID:	79884

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months