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**Product Name: MAP-9 Rabbit Polyclonal Antibody****Catalog #: APRab13631**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	75kDa

**Antigen Information**

<b>Gene Name</b>	MAP9
<b>Alternative Names</b>	MAP9; ASAP; Microtubule-associated protein 9; Aster-associated protein
<b>Gene ID</b>	79884.0
<b>SwissProt ID</b>	Q49MG5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MAP9. AA range:121-170

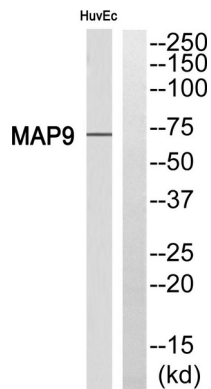
**Background**

ASAP is a microtubule-associated protein required for spindle function, mitotic progression, and cytokinesis (Saffin et al., 2005)

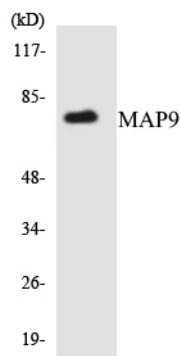
[PubMed 16049101]].[supplied by OMIM, Mar 2008],developmental stage:Constitutively expressed during the cell cycle.,function:Involved in organization of the bipolar mitotic spindle. Required for bipolar spindle assembly, mitosis progression and cytokinesis. May act by stabilizing interphase microtubules.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Localizes to microtubules in interphase, associates with the mitotic spindle during mitosis, localizes to the central body during cytokinesis.,subunit:Binds to purified microtubules via its C-terminus.,

## Research Area

## Image Data



Western blot analysis of MAP9 Antibody. The lane on the right is blocked with the MAP9 peptide.



Western blot analysis of the lysates from HUVEC cells using MAP9 antibody.