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Datasheet for ABIN802083  
**anti-MAP4 antibody (pSer1046)**

### Overview

Quantity:	100 µL
Target:	MAP4
Binding Specificity:	pSer1046
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse MAP4 around the phosphorylation site of Ser1046
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	MAP4
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## Target Details

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Alternative Name: MAP4 ([MAP4 Products](#))

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Background: Synonyms: MAP4phospho Ser1046, DKFZp779A1753, MAP-4, MAP4, MAP4\_MOUSE, MGC8617, Microtubule associated protein 4, Microtubule-associated protein 4, OTTHUMP00000210723, OTTHUMP00000210725, OTTHUMP00000210727, OTTHUMP00000210730.

Background: The MAP4 (Microtubule associated protein 4) is a non neuronal microtubule associated protein. It promotes microtubule assembly. The phosphorylation of the Pro rich region in the C-terminus negatively regulates MAP4 activity to promote microtubule assembly.

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Gene ID: 4134

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Pathways: [p53 Signaling](#), [Microtubule Dynamics](#)

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months

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