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Datasheet for ABIN5006516  
**anti-MAP4K5 antibody (AA 751-846) (Alexa Fluor 680)**

### Overview

Quantity:	100 µL
Target:	MAP4K5
Binding Specificity:	AA 751-846
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4K5 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAP4K5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	MAP4K5
Alternative Name:	MAP4K5 ( <a href="#">MAP4K5 Products</a> )

## Target Details

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Background:	Synonyms: EC 2.7.11.1, KHS, Kinase homologous to SPS1/STE20, MAPK/ERK kinase kinase 5, MEK kinase kinase 5, MEKKK 5, M4K5_HUMAN. Background: Several mammalian kinases have been identified with sequence similarity to the <i>Saccharomyces cerevisiae</i> serine/threonine kinase STE20. STE20 is involved in relaying signals from G-protein coupled receptors to cytosolic MAP kinase cascades, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include KHS, GLK, NIK, YSK1, HPK1, Krs-1, Krs-2 and GC kinase. KHS (for kinase homologous to SPS1/STE20) is a protein that is most closely related to GC kinase. The KHS kinase has been shown to activate a variety of substrates, including JNK, suggesting a role in stress response.
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## Application Details

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Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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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:	ProClin
Precaution of Use:	This product contains ProClin: 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