

For Research Use Only

# MAP4K2 Polyclonal ANTIBODY



Catalog Number: 55244-1-AP

## Basic Information

**Catalog Number:**

55244-1-AP

**Size:**

150UL, Concentration: 467 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_004579

**GeneID (NCBI):**

5871

**Full Name:**

mitogen-activated protein kinase kinase kinase 2

**Calculated MW:**

92 kDa

**Observed MW:**

85-91 kDa, 58 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB: mouse brain tissue, human brain tissue, Raji cells

## Background Information

MAP4K2, also named as GCK and RAB8IP, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. It enhances MAP3K1 oligomerization, which may relieve amino-terminal mediated MAP3K1 autoinhibition and lead to activation following autophosphorylation. MAP4K2 may play a role in the regulation of vesicle targeting or fusion. This antibody is specific to MAP4K2.

## Storage

**Storage:**

Store at -20°C.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

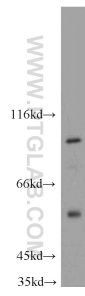
For technical support and original validation data for this product please contact:

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 55244-1-AP (MAP4K2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.