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**Product Name: MAP3K2 (Phospho-Ser520) Rabbit Polyclonal Antibody****Catalog #: APRab05796**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<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
<b>Molecular Weight</b>	68kDa

**Antigen Information**

<b>Gene Name</b>	MAP3K2
<b>Alternative Names</b>	Mitogen-activated protein kinase kinase kinase 2 (EC 2.7.11.25) (MAPK/ERK kinase kinase 2) (MEK kinase 2) (MEKK 2)
<b>Gene ID</b>	10746.0
<b>SwissProt ID</b>	Q9Y2U5
<b>Immunogen</b>	Synthesized peptide derived from human MAP3K2 (Phospho-Ser520)

**Background**

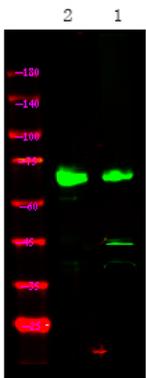
catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by

phosphorylation on Thr-524.,function:Component of a protein kinase signal transduction cascade. Regulates the JNK and ERK5 pathways by phosphorylating and activating MAP2K5 and MAP2K7 (By similarity). Plays a role in caveolae kiss-and-run dynamics.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 OPR domain.,similarity:Contains 1 protein kinase domain.,subcellular location:Upon EGF stimulation, translocates into the nucleus.,subunit:Binds both upstream activators and downstream substrates in multimolecular complexes.,

## Research Area

Signal Transduction

## Image Data



Western Blot analysis of mouse liver ,using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000