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**Product Name: Phospho-MEK1 (Thr292) Rabbit Polyclonal Antibody****Catalog #: APRab00706**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 43 kDa; Observed MW: 43 kDa

**Antigen Information**

<b>Gene Name</b>	MAP2K1
<b>Alternative Names</b>	MAP2K1; MEK1; PRKMK1; Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; MKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1
<b>Gene ID</b>	5604
<b>SwissProt ID</b>	Q02750
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

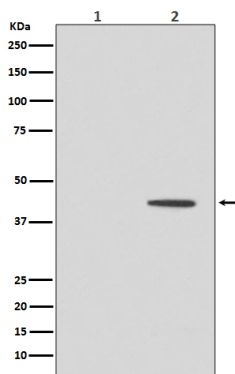
The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated

protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of MEK5 in (1) HeLa lysates; (2) HeLa treated with Nocodazole using Phospho-MEK1 (Thr292) antibody.