

## MEK-1(Phospho Thr386) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06976
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MAP2K1 around the phosphorylation site of Thr386. AA range:344-393
<b>Mol wt</b>	43439
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Dual specificity mitogen-activated protein kinase kinase 1
<b>Synonyms</b>	Dual specificity mitogen-activated protein kinase kinase 1; 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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

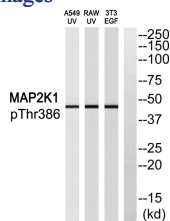
### Recommended Dilution

WB: 1: 500 - 1: 2000

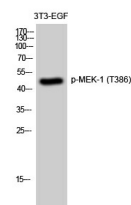
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of 3T3-EGF cells using Phospho-MEK-1 (T386) Polyclonal Antibody diluted at 1:2000



Western blot analysis of MAP2K1 (Phospho-Thr386) Antibody. The lane on the right is blocked with the MAP2K1 (Phospho-Thr386) peptide.

## Storage

-20°C for 1 year

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