

## **Product datasheet for TA378248**

## MEK1 (MAP2K1) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB,1:500 - 1:2000

**Reactivity:** Mouse, Rat **Modifications:** Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant protein of human MAP2K2

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 40kDa/43kDa/44kDa

**Gene Name:** mitogen-activated protein kinase kinase 1

Database Link: Q02750

**Background:** The protein MEK1 and MEK2 are two members of the dual specificity protein kinase family,

which act as 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.

Synonyms: MAPKK1; MEK1; MKK1; PRKMK1



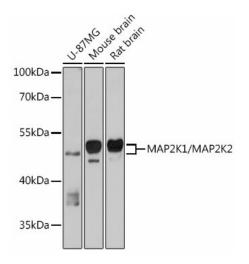
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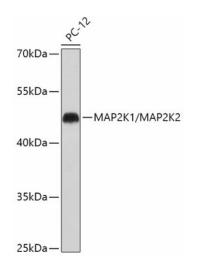
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## **Product images:**



Western blot analysis of extracts of various cell lines, using MAP2K1/MAP2K2 antibody (TA378248) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 60s.



Western blot analysis of extracts of PC-12 cells, using MAP2K1/MAP2K2 antibody (TA378248) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.