

Anti-MKK2 Antibody
Mouse monoclonal antibody to MKK2
Catalog # AP61593**Specification**

Anti-MKK2 Antibody - Product Information

Application	WB
Primary Accession	P36507
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	44424

Anti-MKK2 Antibody - Additional Information**Gene ID** 5605**Other Names**

MEK2; MKK2; PRKMK2; Dual specificity mitogen-activated protein kinase kinase 2; MAP kinase kinase 2; MAPKK 2; ERK activator kinase 2; MAPK/ERK kinase 2; MEK 2

Target/Specificity

Recognizes endogenous levels of MKK2 protein.

Dilution

WB~~WB (1/1000 - 1/2000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-MKK2 Antibody - Protein Information**Name** MAP2K2**Synonyms** MEK2, MKK2, PRKMK2**Function**

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity). Activates BRAF in a KSR1 or KSR2-dependent manner; by binding to KSR1 or KSR2 releases the inhibitory intramolecular interaction between KSR1 or KSR2 protein kinase and N-terminal domains which promotes KSR1 or KSR2-BRAF dimerization and BRAF activation (PubMed:29433126).

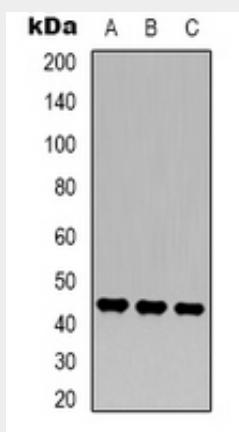
Cellular Location

Cytoplasm. Membrane; Peripheral membrane protein. Note=Membrane localization is probably regulated by its interaction with KSR1.

Anti-MKK2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MKK2 Antibody - Images

Western blot analysis of MKK2 expression in Hela (A), NIH3T3 (B), rat brain (C) whole cell lysates.

Anti-MKK2 Antibody - Background

Recombinant protein corresponding to human MKK2.