

MEK2 Rabbit Polyclonal Antibody
Catalog # AP63809**Specification**

MEK2 Rabbit Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P36507
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MEK2 Rabbit Polyclonal Antibody - Additional Information**Gene ID** 5605**Other Names**

Dual specificity mitogen-activated protein kinase kinase 2 (MAP kinase kinase 2) (MAPKK 2) (EC 2.7.12.2) (ERK activator kinase 2) (MAPK/ERK kinase 2) (MEK 2)

Dilution

WB~~WB 1:500-2000,IHC-p 1:50-300
IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MEK2 Rabbit Polyclonal 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

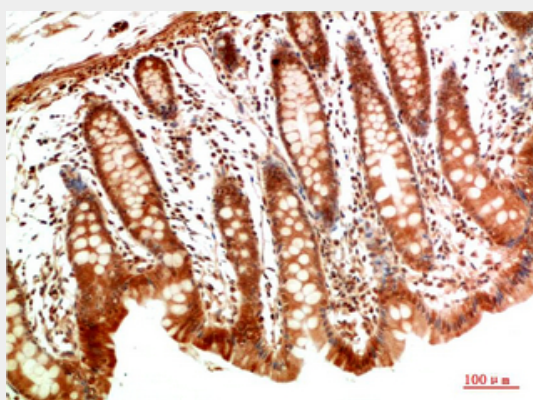
Cytoplasm. Membrane; Peripheral membrane protein. Note=Membrane localization is probably regulated by its interaction with KSR1.

MEK2 Rabbit Polyclonal Antibody - Protocols

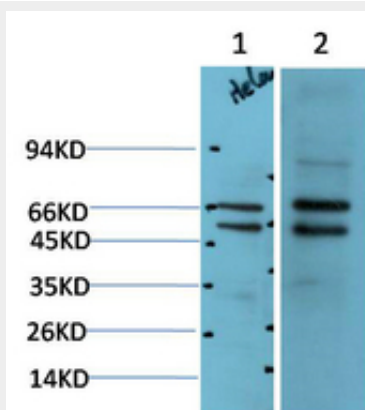
Provided below are standard protocols that you may find useful for product applications.

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

MEK2 Rabbit Polyclonal Antibody - Images



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using MEK2 Rabbit pAb diluted at 1:200



Western blot analysis of 1) Hela Cell Lysate, 2) 293t Cell Lysate using MEK2 Rabbit pAb diluted at 1:2000.

MEK2 Rabbit Polyclonal Antibody - Background

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).