

MEK2 Rabbit Polyclonal Antibody

Catalog # AP63809

Product Information

Application	WB, IHC-P
Primary Accession	P36507
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44424

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

Protein Information

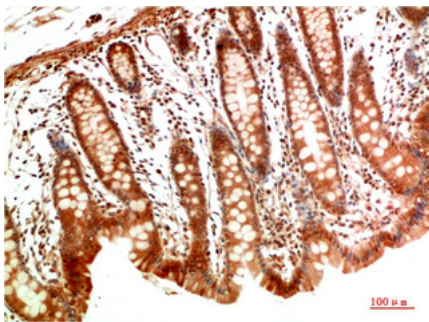
Name	MAP2K2
Synonyms	MEK2, MKK2, PRKMK2
Function	Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity). Activates BRAF in a KSR1 or KSR2-dependent manner; by binding to 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.

Background

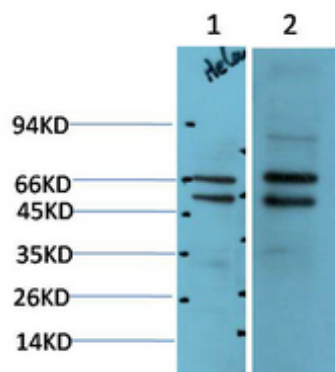
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located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases (By similarity).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.