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MEK5 Antibody

Rabbit mAb
Catalog # AP90869

Product Information

Application	WB, IF, ICC
Primary Accession	Q13163
Reactivity	Human
Clonality	Monoclonal
Other Names	MAP2K5; HsT17454; MAPKK 5; MEK 5; MAPKK5; MEK5; MKK5; MAP kinase kinase 5; PRKMK5; MAP kinase kinase MEK5b; MAPK/ERK kinase 5;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50112

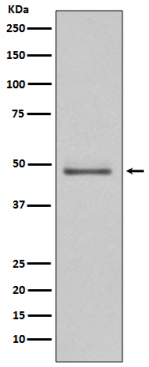
Additional Information

Dilution	WB 1:1000~1:2000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MEK5
Description	Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appear to play a critical role in protecting cells from stress-induced apopotosis, neuronal survival and cardiac development and angiogenesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	MAP2K5
Synonyms	MEK5, MKK5, PRKMK5
Function	Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM (By similarity).
Tissue Location	Expressed in many adult tissues. Abundant in heart and skeletal muscle

Images



Western blot analysis of MEK5 expression in Hela cell lysate.

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