

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

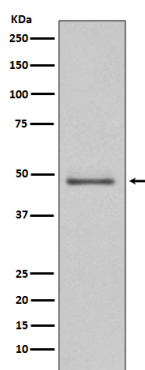
Additional Information

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 apoptosis, 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.

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