

Anti-MEK5 Rabbit Monoclonal Antibody

Catalog # ABO13465

Product Information

Application	WB, IF, ICC
Primary Accession	Q13163
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-MEK5 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	5607
Other Names	Dual specificity mitogen-activated protein kinase kinase 5, MAP kinase kinase 5, MAPKK 5, 2.7.12.2, MAPK/ERK kinase 5, MEK 5, MAP2K5, MEK5, MKK5, PRKMK5
Calculated MW	50112
Application Details	WB 1:1000-1:2000 ICC/IF 1:50-1:200
Tissue Specificity	Expressed in many adult tissues. Abundant in heart and skeletal muscle.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: HCE-13
Immunogen	A synthesized peptide derived from human MEK5
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	MAP2K5
Synonyms	MEK5, MKK5, PRKMK5

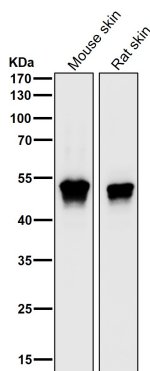
Function

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).

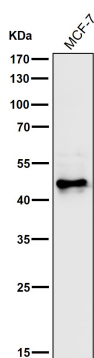
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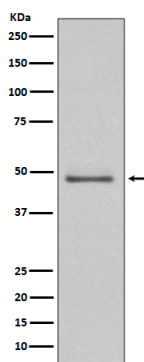
Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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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'.