

# MEK-5 rabbit pAb

Cat No.:ES20665

For research use only

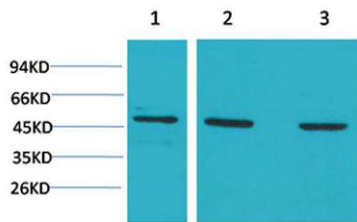
## Overview

Product Name	MEK-5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB: 1:1000-2000 IHC: 1:200-500
Immunogen	Recombinant Protein of MEK-5
Specificity	The antibody detects endogenous MEK-5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Dual specificity mitogen-activated protein kinase kinase 5
Gene Name	MAP2K5
Cellular localization	nucleus,cytoplasm,spindle,cytosol,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	49kD
Human Gene ID	5067
Human Swiss-Prot Number	Q13163
Alternative Names	MAP2K5; MEK5; MKK5; PRKMK5; Dual specificity mitogen-activated protein kinase kinase 5; MAP kinase kinase 5; MAPKK 5; MAPK/ERK kinase 5; MEK 5
Background	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase



is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described. [provided by RefSeq, May 2011],

Western blot analysis of 1) Hela, 2) 3T3, 3) PC12 using MEK-5 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using MEK-5 Polyclonal Antibody.

