

MAP2K5 antibody

Product Information

Catalog No.:	FNab05117
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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.

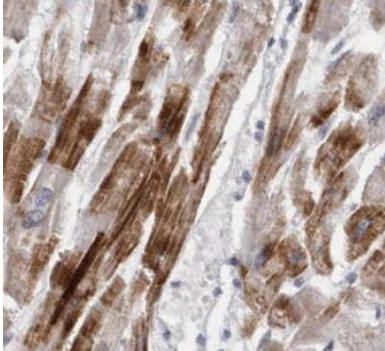
Immunogen information

Immunogen:	mitogen-activated protein kinase kinase 5
Synonyms:	Dual specificity mitogen-activated protein kinase kinase 5 (MAP kinase kinase 5, MAPKK 5) MAPK/ERK kinase 5 (MEK 5) MAP2K5 MEK5 MKK5 PRKMK5
Observed MW:	50 kDa
Uniprot ID :	Q13163

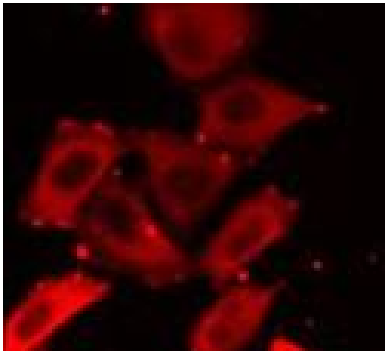
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:50-1:100

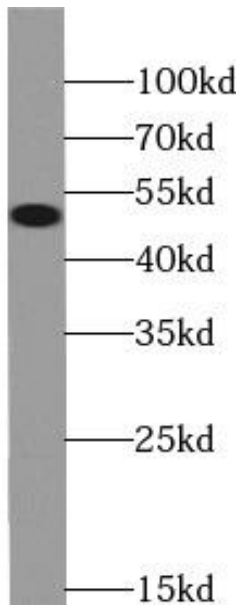
Image:



Immunohistochemistry of paraffin-embedded human heart using FNab05117(MAP2K5 antibody) at dilution of 1:50



Immunofluorescent analysis of U2OS cells, using MAP2K5 antibody FNab05117 at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



HeLa cells were subjected to SDS PAGE followed by western blot with FNab05117(MAP2K5 antibody) at dilution of 1:500