

## MAP2K4 antibody

### Product Information

Catalog No.:	FNab10073
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

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants.

### Immunogen information

Immunogen:	MAP2K4
Synonyms:	Dual specificity mitogen-activated protein kinase kinase 4 (MAP kinase kinase 4, MAPKK 4) JNK-activating kinase 1 MAPK/ERK kinase 4 (MEK 4) SAPK/ERK kinase 1 (SEK1) Stress-activated protein kinase kinase 1 (SAPK kinase 1, SAPKK-1, SAPKK1) c-Jun N-terminal kinase kinase 1 (JNKK) MAP2K4 JNKK1 MEK4 MKK4 PRKMK4 SEK1 SERK1 SKK1
Observed MW:	44 kDa
Uniprot ID :	P45985

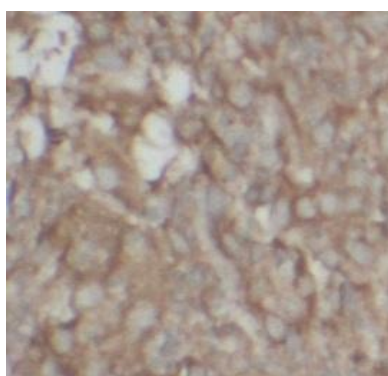
## Application

Reactivity: Human, mouse, Rat

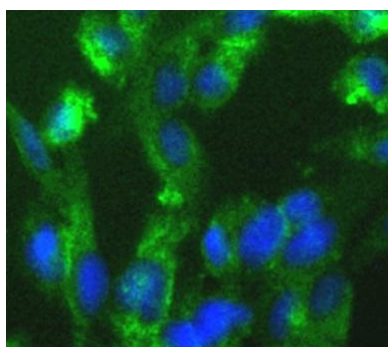
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500; IF: 1:50-1:100

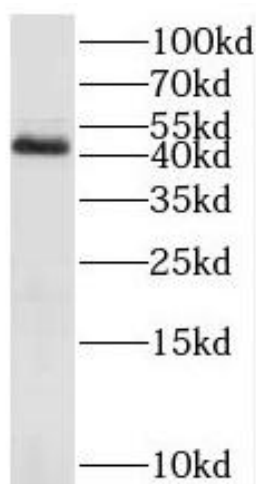
Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab10073( MAP2K4 Antibody) at dilution of 1:100



Immunofluorescent analysis of HeLa cells using MAP2K4 antibody(FNab10073) at 1:50 dilution.



Mcf-7 cells were subjected to SDS PAGE followed by western blot with FNab10073(MAP2K4 antibody) at dilution of 1:1000