

## Anti-Phospho-MEK-4 (Ser257) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 44 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	IHC-P,IF(paraffin section),ELISA
Recommended	IHC-P: 1:100-300; ELISA: 1:40000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human SEK1/MKK4/JNKK1 around the phosphorylation site of Ser257. AA range:223-272
Antigen Species:	human
Uniprot ID:	P45985
Synonyms:	p-MEK-4 (Ser257);MEK-4 (p-S257);MEK-4 (p-Ser257);p-MEK-4 (S257)

## Research Background

mitogen-activated protein kinase kinase 4(MAP2K4) Homo sapiens 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. [provided by RefSeq, Jul 2013],

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