

bs-1977R**[Primary Antibody]**

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MEK4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Cow, Dog) Predicted MW.: 44 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 6416	SWISS: P45985	
Target: MEK4		
Immunogen: KLH conjugated synthetic peptide derived from human MKK4/MAP2K4: 301-399/399.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. 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. [provided by RefSeq, Jul 2013]		

— SELECTED CITATIONS —

- **[IF=4.8]** Gang wang. et al. Taraxasterol extracted from Ixeridium gramineum (Fisch.) Tzvel. attenuated D-GalN/LPS-Induced Fulminant Hepatitis by modulating the JAK/STAT and TNF signalling pathways. J ETHNOPHARMACOL. 2024 Dec;:119256 WB ;Mouse. 39701218