

MAPKAPK2 Polyclonal Antibody

Catalog NumberPA1-26428

Product data sheet

Details		Tested Applications	Dilution *
Size	50 µg	Immunoprecipitation (IP)	4 µg/mL
Host/Isotope	Rabbit / IgG	Western Blot (WB)	0.5-4 µg/mL
Class	Polyclonal	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Type	Antibody		
Immunogen	Synthetic peptide surrounding amino acid 365 of mouse MAPKAPK-2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-26428 detects MAPKAP Kinase 2 from bovine, canine, human, mouse, and rat samples.

Background/Target Information

MAPKAPK2 mediates p38 and ERK signaling in vivo. It is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation, and cell proliferation. MAPKAPK2 encodes a member of the Ser/Thr protein kinase family. MAPKAPK2 is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, MAPKAPK2 is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for MAPKAPK2.

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