

## Anti-Phospho-MAPKAPK2 (Thr222) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 45 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:20000

### 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 MAPKAPK-2 around the phosphorylation site of Thr222. AA range:188-237
Antigen Species:	Human
Uniprot ID:	P49137
Synonyms:	p-MAPKAPK2 (Thr222);MAPKAPK2 (p-Thr222);p-MAPKAPK2 (T222);MAPKAPK2 (p-T222)

### Research Background

mitogen-activated protein kinase-activated protein kinase 2(MAPKAPK2) Homo sapiens This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase 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 this gene. [provided by RefSeq, Jul 2008],

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