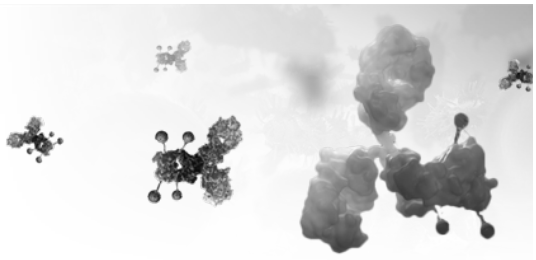

Anti-MAPKAPK2 polyclonal antibody (DPAB-DC756)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	MAPKAPK2 (mitogen-activated protein kinase-activated protein kinase 2) is a protein-coding gene. Diseases associated with MAPKAPK2 include conjunctivitis, and monocytic leukemia, and among its related super-pathways are MAPK signaling pathway and Development VEGF signaling via VEGFR2 - generic cascades. GO annotations related to this gene include protein serine/threonine kinase activity and protein kinase activity. An important paralog of this gene is MAPKAPK5.
Specificity	This antibody detects both 43 and 60 KDa isoforms, corresponding to the apparent molecular mass of MAPKAPK-2. These 43 KDa and 60 KDa bands can be specifically inhibited by the relevant peptide.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 365 of mouse Mapkapk2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine, Dog, Hamster, Human, Mouse, Rat
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB, IP,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)

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Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Mapkapk2 MAP kinase-activated protein kinase 2 [Mus musculus (house mouse)]
Official Symbol	MAPKAPK2
Synonyms	MAPKAPK2; MAP kinase-activated protein kinase 2; MK2; MK-2; Rps6kc1; AA960234; MAPKAP-K2; MAPKAPK-2; MAPKAP kinase 2; MAPK-activated protein kinase 2;
Entrez Gene ID	17164
Protein Refseq	NP_032577
UniProt ID	P49138
Chromosome Location	1 E4; 1
Pathway	Activated TLR4 signalling; B Cell Receptor Signaling Pathway; CREB phosphorylation; Cellular response to heat stress
Function	ATP binding; kinase activity; nucleotide binding; protein binding

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