



Anti-MAPK4 (aa 42-151) polyclonal antibody (DPAB-DC2464)

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

PRODUCT INFORMATION

Antigen Description	Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus and phosphorylate nuclear targets. Alternative splicing results in multiple transcript variants.
Immunogen	MAPK4 (NP_002738, 42 a.a. ~ 151 a.a) partial recombinant protein with GST tag. The sequence is ACRKVAVKKIALSDARSMKHALREIKIRRLDHDNIVKVYEVLGPKGTDLQGELFKFSVA YIVQEYMETDLARLLEQGTLAEEHAKLFMYQLLRGLKYIHSANVLHRDLK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [MAPK4 mitogen-activated protein kinase 4 \[Homo sapiens \(human\) \]](#)

Official Symbol	MAPK4
Synonyms	MAPK4; mitogen-activated protein kinase 4; ERK4; ERK-4; PRKM4; p63MAPK; p63-MAPK; MAPK 4; Erk3-related; MAP kinase isoform p63; extracellular signal-regulated kinase 4;
Entrez Gene ID	5596
Protein Refseq	NP_001278968
UniProt ID	B4DEW2
Chromosome Location	18q21.1
Pathway	B Cell Receptor Signaling Pathway; Insulin Signaling; Integrin-mediated cell adhesion; MicroRNAs in cardiomyocyte hypertrophy
Function	ATP binding; MAP kinase activity; protein binding; protein heterodimerization activity