



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 ACRKVAVKKIALSDARSMKHALREIKIIRRLDHDNIVKVYEVLGPKGTDLQGELFKFSVA 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 |
