

## M4K5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11030
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 300-380
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Mitogen-activated protein kinase kinase kinase kinase 5
<b>Synonyms</b>	Mitogen-activated protein kinase kinase kinase kinase 5 ;EC 2.7.11.1;Kinase homologous to SPS1/STE20;KHS;MAPK/ERK kinase kinase kinase 5;MEK kinase kinase 5;MEKKK 5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a member of the serine/threonine protein kinase family, that is highly similar to yeast SPS1/STE20 kinase. Yeast SPS1/STE20 functions near the beginning of the MAP kinase signal cascades that is essential for yeast pheromone response. This kinase was shown to activate Jun kinase in mammalian cells, which suggested a role in stress response. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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