



# Anti-MPK4 (aa 365-376) polyclonal antibody (CABT-BL2501)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide: RETVKFNPQDSV, corresponding to C terminal amino acids 365-376 of Arabidopsis thaliana AtMPK4. This sequence is specific to ATMPK4 (not found in the other 20 known AtMPK isoforms). It shares limited homology (50-60% identity, continuous
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Cellular Localization</b>	Cytoplasmic and nuclear
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M PBS, pH 7.4
<b>Preservative</b>	15mM Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	Encodes a nuclear and cytoplasmically localized MAP kinase involved in mediating responses
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to pathogens. Its substrates include MKS1 and probably MAP65-1. The MAP65-1 interaction is involved in mediating cortical microtubule organization.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">828151</a>
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Protein Refseq	<a href="#">NP_192046</a>
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UniProt ID	<a href="#">Q39024</a>
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