

# Anti-MKK5 (pS311) Antibody

Rabbit polyclonal antibody to MKK5 (pS311)

Catalog # AP61123

## Product Information

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Application	WB
Primary Accession	<a href="#">Q13163</a>
Other Accession	<a href="#">Q9WVS7</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50112

## Additional Information

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Gene ID	5607
Other Names	MEK5; MKK5; PRKMK5; Dual specificity mitogen-activated protein kinase kinase 5; MAP kinase kinase 5; MAPKK 5; MAPK/ERK kinase 5; MEK 5
Target/Specificity	Recognizes endogenous levels of MKK5 (pS311) protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	MAP2K5
Synonyms	MEK5, MKK5, PRKMK5
Function	Acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway appears to play a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. As part of the MAPK/ERK signaling pathway, acts as a negative regulator of apoptosis in cardiomyocytes via promotion of STUB1/CHIP-mediated ubiquitination and degradation of ICER-type isoforms of CREM (By similarity).
Tissue Location	Expressed in many adult tissues. Abundant in heart and skeletal muscle

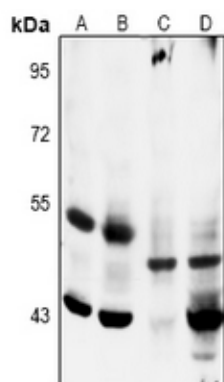
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MKK5. The exact sequence is proprietary.

## Images

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Western blot analysis of MKK5 (pS311) expression in mouse heart (A), rat heart (B), H1792 (C), MCF7 (D) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.