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Rabbit Anti-MAPKAPK2/3 antibody

SL18674R

Product Name:	MAPKAPK2/3
Chinese Name:	丝裂原活化蛋白激酶活化的蛋白激酶2/3抗体
Alias:	3PK; AA960234; MAP kinase activated protein kinase 2; MAP kinase activated protein kinase 3; MAPK activated protein kinase 2; MAPK activated protein kinase 3; MAPKAP kinase 2; MAPKAP kinase 3; MK2; MK3; OTTHUMP00000034531; Rps6kc1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAPKAPK2/3:161-260/400
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be

activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011]

Subcellular Location:
Cytoplasmic and Nuclear

Tissue Specificity:
Expressed in all tissues examined.

SWISS:
P49137

Gene ID:
7867

Database links:

Entrez Gene: 7867 Human

Entrez Gene: 9261 Human

Omim: 602006 Human

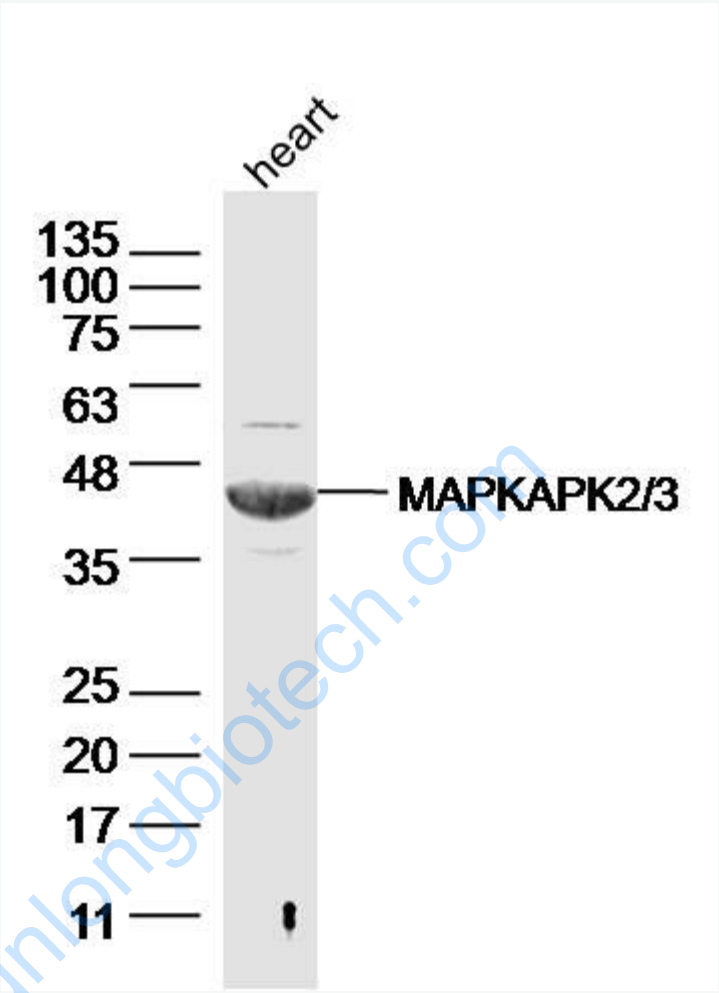
Omim: 602130 Human

SwissProt: P49137 Human

SwissProt: Q16644 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



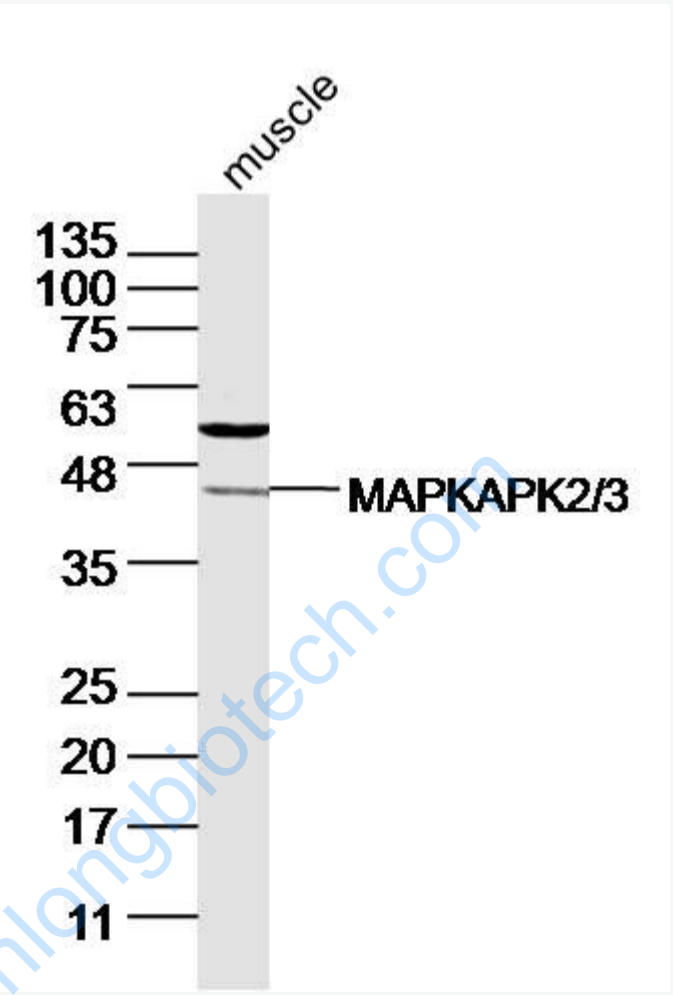
Sample:Heart (Mouse) Lysate at 40 ug

Primary: Anti-MAPKAPK2/3 (SL18674R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46 kD

Observed band size: 46 kD



Sample: Muscle (Mouse) Lysate at 40 ug

Primary: Anti-MAPKAPK2/3 (SL18674R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46 kD

Observed band size: 46 kD