



Datasheet for ABIN389587

## anti-MAPKAP Kinase 5 antibody (pSer93)



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2 Images

1 Publication

### Overview

Quantity:	400 µL
Target:	MAPKAP Kinase 5 (MAPKAPK5)
Binding Specificity:	pSer93
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This MAPKAPK5 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S93 of human MAPKAPK5.
Clone:	RB5559
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	MAPKAP Kinase 5 (MAPKAPK5)
Alternative Name:	MAPKAPK5 ( <a href="#">MAPKAPK5 Products</a> )

## Target Details

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Background:	The protein encoded by this gene is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites.
Molecular Weight:	54220
Gene ID:	8550
NCBI Accession:	<a href="#">NP_003659</a> , <a href="#">NP_620777</a>
UniProt:	<a href="#">Q8IW41</a>
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

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Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

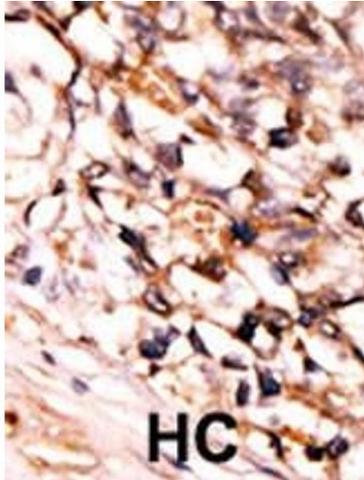
## Publications

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Product cited in:	Engman, Varghese, Lagerstedt Robinson, Malmgren, Hammarsjö, Byström, Lalitkumar, Gemzell-Danielsson: "GSTM1 gene expression correlates to leiomyoma volume regression in response to mifepristone treatment." in: <b>PLoS ONE</b> , Vol. 8, Issue 12, pp. e80114, (2013) (
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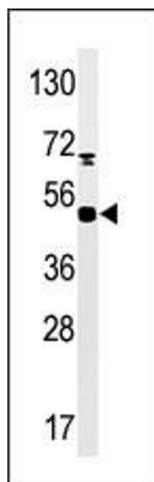
[PubMed](#)).

Images



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



**Western Blotting**

**Image 2.** The anti-Phospho-PKK5-S93 b 3151a is used in Western blot to detect Phospho-PKK5-S93 in mouse heart tissue lysate. D4(arrow) was detected using the purified b.