

Datasheet for ABIN710561

**anti-MAPKAP Kinase 5 antibody (pSer93)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MAPKAP Kinase 5 (MAPKAPK5)
Binding Specificity:	pSer93
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MAPKAPK5 around the phosphorylation site of Ser93
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	MAPKAP Kinase 5 (MAPKAPK5)
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## Target Details

Alternative Name:	MAPKAPK5 ( <a href="#">MAPKAPK5 Products</a> )
Background:	<p>Synonyms: MAPKAPK5phospho S93, MAP kinase-activated protein kinase 5, MAPKAP kinase 5, MAPKAPK5, mitogen-activated protein kinase-activated protein kinase 5, p38-regulated/activated protein kinase.</p> <p>Background: The serine/threonine kinase PRAK is activated in response to cellular stress and proinflammatory cytokines, through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38 alpha, and MAPK11/p38 beta. PRAK has been reported to have a putative tumor suppressor function by mediating senescence upon activation by p38 in response to oncogenic ras. It is thought that phosphorylation of p53 by PRAK following activation of p38 MAPK by ras plays an important role in ras induced senescence and tumor suppression.</p>
Molecular Weight:	54kDa
Gene ID:	8550
Pathways:	<a href="#">MAPK Signaling</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

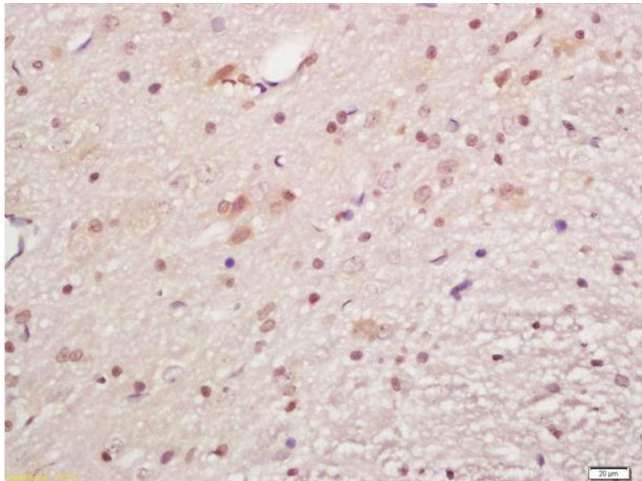
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

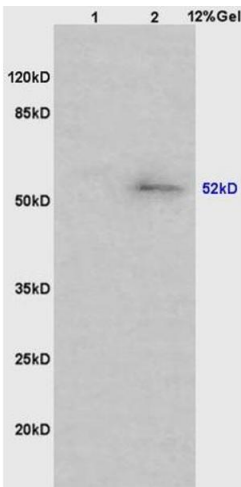
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-phospho-MAPKAPK5(Ser93)Polyclonal Antibody, Unconjugated (ABIN710561) at 1:200, followed by conjugation to the secondary antibody and DAB staining



### SDS-PAGE

**Image 2.** Lane 1: mouse intestine lysates Lane 2: mouse lung lysates probed with Anti phospho-MAPKAPK5(Ser93) Polyclonal Antibody, Unconjugated (ABIN710561) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 52kD. Observed band size: 52kD.