

## MAPKAPK5 Antibody

Catalog No: #40313

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

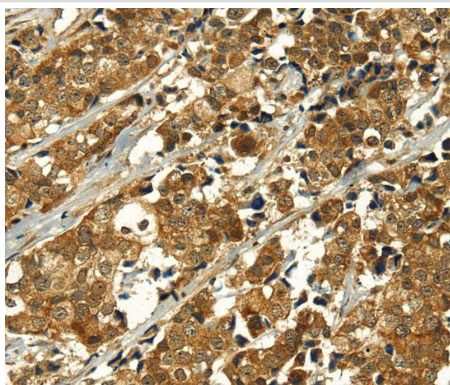
## Description

Product Name	MAPKAPK5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MAPKAPK5 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human mitogen-activated protein kinase-activated protein kinase 5
Target Name	MAPKAPK5
Other Names	MK5; MK-5; PRAK; MAPKAP-K5
Accession No.	Swiss-Prot:Q8IW41Gene Accssion:BC041049
Uniprot	Q8IW41
GeneID	8550;
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry:1:30-1:150

## Images



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #40313 at dilution 1/35.

## Background

The protein encoded by this gene is a tumor suppressor and 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. The encoded protein is found in the nucleus but translocates to the cytoplasm upon phosphorylation and activation. This kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported.

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Note: This product is for in vitro research use only