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anti-MAPKAP Kinase 5 antibody



Image



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Overview

Quantity:	20 μL
Target:	MAPKAP Kinase 5 (MAPKAPK5)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPKAP Kinase 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human MAPKAPK5
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MAPKAP Kinase 5 (MAPKAPK5)
Alternative Name:	MAPKAPK5 (MAPKAPK5 Products)
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

Target Details

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.

UniProt: Q8IW41

Pathways: MAPK Signaling

Application Details

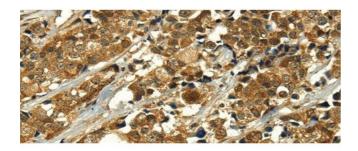
Application Notes: IHC 1:30-150, ELISA 1:2000-10000

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using MAPKAPK5 Polyclonal Antibody at dilution 1:35