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anti-MAPKAP Kinase 5 antibody





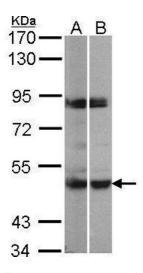
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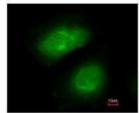
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Overview		
Quantity:	100 μL	
Target:	MAPKAP Kinase 5 (MAPKAPK5)	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MAPKAP Kinase 5 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human PRAK. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Rabbit polyclonal antibody to PRAK (mitogen-activated protein kinase-activated protein kinase 5) PRAK antibody [N3C3]	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	MAPKAP Kinase 5 (MAPKAPK5)	
Alternative Name:	mitogen-activated protein kinase-activated protein kinase 5 (MAPKAPK5 Products)	

Target Details

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. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported.	
	Cellular Localization: Cytoplasm (Probable) , Nucleus	
Molecular Weight:	54 kDa	
Gene ID:	8550	
UniProt:	Q8IW41	
Pathways:	MAPK Signaling	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: 293T , H1299	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.62 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	





Merged with DNA probe

Western Blotting

Image 1. WB Image Sample(30 μg of whole cell lysate)
A:293T B:H1299 7.5% SDS PAGE antibody diluted at 1:500

Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using PRAK, antibody at 1:200 dilution.