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anti-MAPK4 antibody





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Overview

Quantity:	100 μL
Target:	MAPK4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

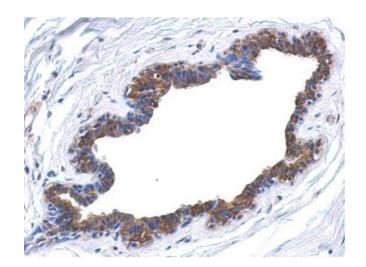
Immunogen:	Recombinant protein encompassing a sequence within the center region of human MAPK4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to MAPK4 (mitogen-activated protein kinase 4) MAPK4 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MAPK4
Alternative Name:	mitogen-activated protein kinase 4 (MAPK4 Products)

Target Details

Background:	Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family
	Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then
	translocate into the nucleus where it phosphorylates nuclear targets.
Molecular Weight:	66 kDa
Gene ID:	5596
UniProt:	P31152
Pathways:	MAPK Signaling
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 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.



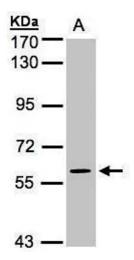
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using MAPK4, antibody at 1:500 dilution.



Merged with DNA probe





Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MAPK4, antibody at 1:200 dilution.

Western Blotting

Image 3. WB Image Sample(30 ug whole cell lysate)
A:H1299 7.5% SDS PAGE antibody diluted at 1:1000