antibodies - online.com







anti-MAPK4 antibody (N-Term)

Images



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OVC	

Quantity:	0.1 mL
Target:	MAPK4
Binding Specificity:	AA 1-286, N-Term
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)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 286 of MAPK4
Specificity:	Recognizes Mitogen-Activated Protein Kinase 4 (MAPK4).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse (96 %), Cow (97 %)Species reactivity (tested):Human.
Purification:	Antigen-Affinity Chromatography.

Target Details

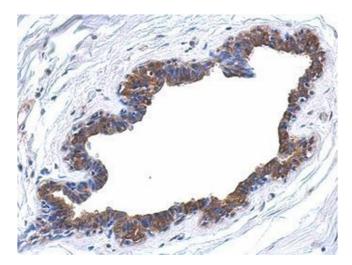
Target:	MAPK4
Alternative Name:	MAPK4 / ERK4 (MAPK4 Products)

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. Synonyms: Extracellular signal-regulated kinase 4, MAP kinase isoform p63, Mitogen-activated protein kinase 4, p63-MAPK
Molecular Weight:	66 kDa
Gene ID:	5596, 9606
UniProt:	P31152
Pathways:	MAPK Signaling
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

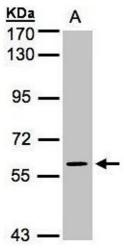
Handling

Handling	
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.1 M Tris, 0.1 M Glycine, 10 % Glycerol (pH 7) containing 0.01 % Thimerosal as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffinembedded breast ca, using AP22398PU-N MAPK4 antibody at 1/500 dilution.



Western Blotting

Image 2. Western Blot using AP22398PU-N MAPK4 antibody at 1/1000 dilution: Sample (30 μg whole cell lysate) A: H1299 7.5% SDS PAGE.



Immunofluorescence

Image 3. Immunofluorescence analysis of Paraformaldehyde-fixed HeLa using AP22398PU-N MAPK4 antibody at 1/200 dilution.

