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MAPK4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7298b

Specification

MAPK4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q0VG04
Other Accession	P31152
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**537-566**

MAPK4 Antibody (C-term) - Additional Information

Other Names
Mitogen-activated protein kinase 4; Mitogen-activated protein kinase 4, isoform CRA_a; MAPK4

Target/Specificity
This MAPK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 537-566 amino acids from the C-terminal region of human MAPK4.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MAPK4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAPK4 Antibody (C-term) - Protein Information

MAPK4 Antibody (C-term) - Protocols

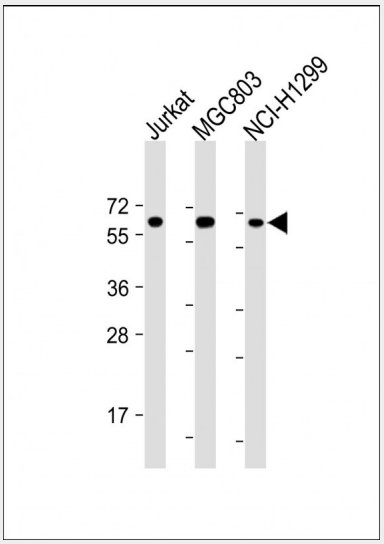
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAPK4 Antibody (C-term) - Images



All lanes : Anti-MAPK4 Antibody (C-term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: MGC803 whole cell lysate Lane 3: NCI-H1299 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 66 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MAPK4 Antibody (C-term) - 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.

MAPK4 Antibody (C-term) - References

Kant,S.,J. Biol. Chem. 281 (46), 35511-35519 (2006)
Seger,R.,FASEB J. 9 (9), 726-735 (1995)
Lerner-Marmarosh,N.,Proc. Natl. Acad. Sci. U.S.A. 105 (19), 6870-6875 (2008)

MAPK4 Antibody (C-term) - Citations

- MAPK4 promotes triple negative breast cancer growth and reduces tumor sensitivity to PI3K blockade
- MAPK4 overexpression promotes tumor progression via noncanonical activation of AKT/mTOR signaling.