

MAPK4 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7298a**Specification**

MAPK4 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q0VG04
Other Accession	P31152
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	72-101

MAPK4 Antibody (N-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 72-101 amino acids from the N-terminal region of human MAPK4.

Dilution

WB~~1:1000
IHC-P~~1:10~50

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

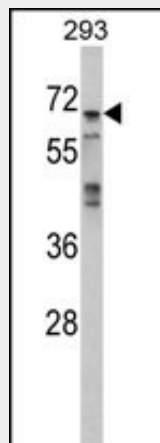
MAPK4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAPK4 Antibody (N-term) - Protein Information**MAPK4 Antibody (N-term) - Protocols**

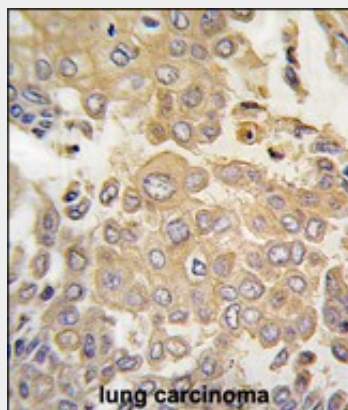
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAPK4 Antibody (N-term) - Images



Western blot analysis of MAPK4 Antibody (N-term) (Cat. #AP7298a) in 293 cell line lysates (35ug/lane). MAPK4 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with MAPK4 antibody (N-term) (Cat.#AP7298a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

MAPK4 Antibody (N-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 (N-term) - References

Kant,S.,J. Biol. Chem. 281 (46), 35511-35519 (2006)

Seeger, R., FASEB J. 9 (9), 726-735 (1995)

Lerner-Marmarosh, N., Proc. Natl. Acad. Sci. U.S.A. 105 (19), 6870-6875 (2008)