

Anti-MAPK4 antibody

Cat. No.	ml260319
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MAPK4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human MAPK4
Reactivity	Human, Mouse
Content	1.32 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MAPK4
Full name	mitogen-activated protein kinase 4

Synonyms ERK4; ERK-4; PRKM4; p63MAPK; p63-MAPK

Swissprot P31152

Target 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 and phosphorylate nuclear targets. Alternative splicing results in multiple transcript variants.

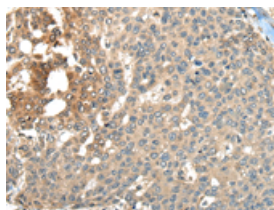
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human liver cancer

Recommended dilution: 30-150

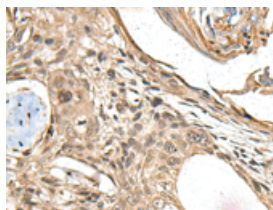


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260319(MAPK4 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml260319(MAPK4 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 66 kDa

Positive control: 293T cell, Human heart tissue, Raji and LNCAP cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

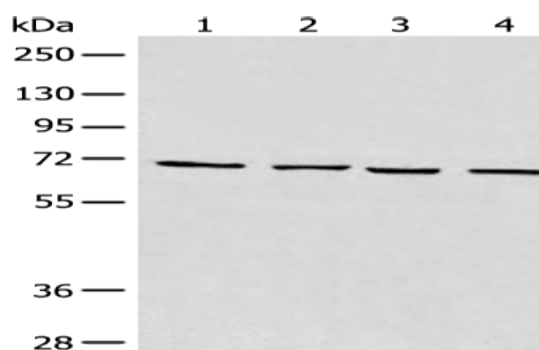
Lysate: 40 µg

Lane 1-4: 293T cell, Human heart tissue, Raji and LNCAP cell lysates

Primary antibody: ml260319(MAPK4 Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 5000-10000

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