

Anti-MAPK12 antibody

Cat. No.	ml223093
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MAPK12 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human MAPK12
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MAPK12
Full name	mitogen-activated protein kinase 12

Synonyms ERK3; ERK6; SAPK3; PRKM12; SAPK-3; P38GAMMA

Swissprot P53778

Target Background

Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes.

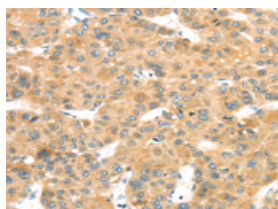
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100

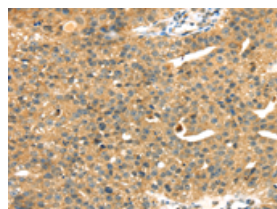


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml223093(MAPK12 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml223093(MAPK12 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 42 kDa

Positive control: Mouse liver tissue

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

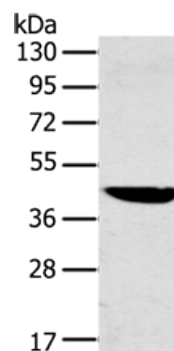
Lysate: 40 μ g

Lane: Mouse liver tissue

Primary antibody: ml223093(MAPK12 Antibody) at dilution 1/350

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

Exposure time: 5 seconds



ELISA

Recommended dilution: 2000-5000

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