

Anti-MAPK1/MAPK3 antibody

Cat. No.	ml160317
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MAPK1/MAPK3 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human MAPK1/MAPK3
Reactivity	Human, Mouse, Rat
Content	1.32 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MAPK1/MAPK3
Full name	mitogen-activated protein kinase 1/3
Synonyms	ERK1, ERK2, ERK1/2
Swissprot	P28482/P27361

Target Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

订购热线: 4008-898-798

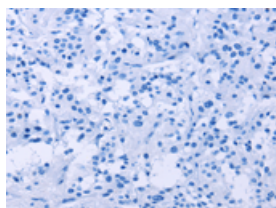
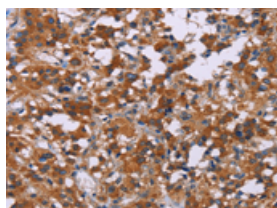
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

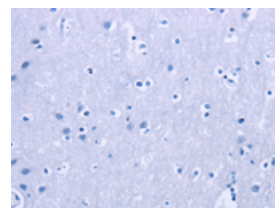
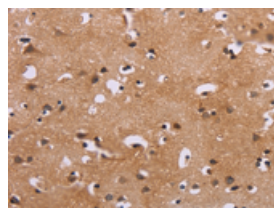


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160317(MAPK1/MAPK3 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml160317(MAPK1/MAPK3 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size: 41 kDa; 43 kDa

Positive control: 293T cells and Human brain malignant glioma tissue, Mouse brain and Human hepatocellular carcinoma tissue

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

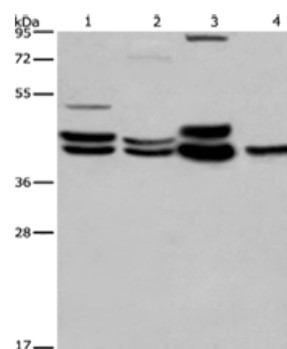
Lysate: 40 µg

Lane 1-4: 293T cells, Human brain malignant glioma tissue, Mouse brain tissue, Human hepatocellular carcinoma tissue

Primary antibody: ml160317(MAPK1/MAPK3 Antibody) at dilution 1/550

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

Exposure time: 20 seconds



ELISA

Recommended dilution: 2000-5000

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