

## Anti-MAP2K1 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml161061                                                |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Description</b>  | Anti-MAP2K1 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                         |
| <b>Immunogen</b>    | Synthetic peptide of human MAP2K1      |
| <b>Reactivity</b>   | Human, Mouse, Rat                      |
| <b>Content</b>      | 0.2 mg/ml                              |
| <b>Host species</b> | Rabbit                                 |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG          |
| <b>Purification</b> | Antigen affinity purification          |

### Target information

|                  |                                           |
|------------------|-------------------------------------------|
| <b>Symbol</b>    | MAP2K1                                    |
| <b>Full name</b> | mitogen-activated protein kinase kinase 1 |
| <b>Synonyms</b>  | MEK1, MKK1, MAPKK1, PRKMK1                |
| <b>Swissprot</b> | Q02750                                    |

### Target Background

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

订购热线: 4008-898-798

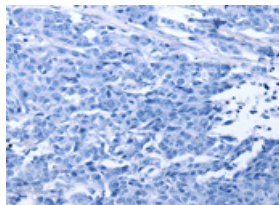
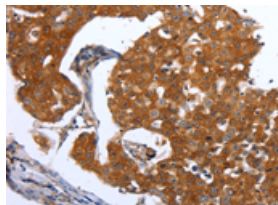
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 25-100

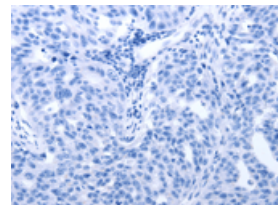
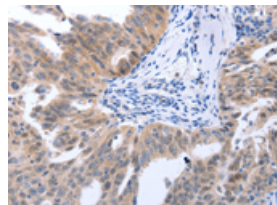


The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml161061(MAP2K1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml161061(MAP2K1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 43 kDa

Positive control: Mouse brain tissue

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

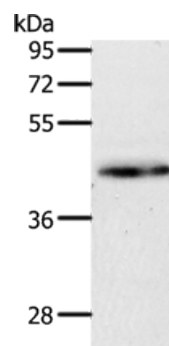
Lysate: 40  $\mu$ g

Lane: Mouse brain tissue

Primary antibody: ml161061(MAP2K1 Antibody) at dilution 1/450

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

Exposure time: 1 minute



### ELISA

Recommended dilution: 1000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)