

**MKP-5 Polyclonal Antibody**  
**Catalog # AP70959****Specification**

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**MKP-5 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q9Y6W6</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**MKP-5 Polyclonal Antibody - Additional Information****Gene ID** 11221**Other Names**

DUSP10; MKP5; Dual specificity protein phosphatase 10; Mitogen-activated protein kinase phosphatase 5; MAP kinase phosphatase 5; MKP-5

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**MKP-5 Polyclonal Antibody - Protein Information****Name** DUSP10**Synonyms** MKP5**Function**

Protein phosphatase involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily. It preferably dephosphorylates p38.

**Cellular Location**

Cytoplasm. Nucleus.

**Tissue Location**

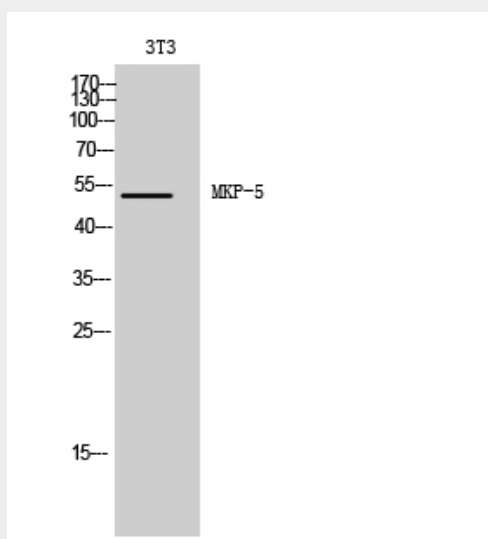
Expressed in keratinocytes (at protein level) (PubMed:29043977). Detected in brain (PubMed:16806267)

**MKP-5 Polyclonal Antibody - 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](#)

#### **MKP-5 Polyclonal Antibody - Images**



Western Blot analysis of 3T3 cells using MKP-5 Polyclonal Antibody

#### **MKP-5 Polyclonal Antibody - Background**

Protein phosphatase involved in the inactivation of MAP kinases. Has a specificity for the MAPK11/MAPK12/MAPK13/MAPK14 subfamily. It preferably dephosphorylates p38.