

Datasheet for ABIN7299418

## anti-MEK2 antibody (C-Term, pSer394)



[Go to Product page](#)

### 2 Images

#### Overview

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                      |
| Target:              | MEK2 (MAP2K2)                                                               |
| Binding Specificity: | C-Term, pSer394                                                             |
| Reactivity:          | Human, Monkey                                                               |
| Host:                | Rabbit                                                                      |
| Clonality:           | Polyclonal                                                                  |
| Conjugate:           | This MEK2 antibody is un-conjugated                                         |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP) |

#### Product Details

|                  |                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------|
| Immunogen:       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MKK2. |
| Specificity:     | Recognizes endogenous levels of MKK2 (pT394) protein.                                            |
| Characteristics: | Rabbit polyclonal antibody to MKK2 (pT394)                                                       |
| Purification:    | The antibody was purified by immunogen affinity chromatography.                                  |

#### Target Details

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Target:           | MEK2 (MAP2K2)                                                                              |
| Alternative Name: | MKK2 ( <a href="#">MAP2K2 Products</a> )                                                   |
| Background:       | MEK2, MKK2, PRKMK2, Dual specificity mitogen-activated protein kinase kinase 2, MAP kinase |

## Target Details

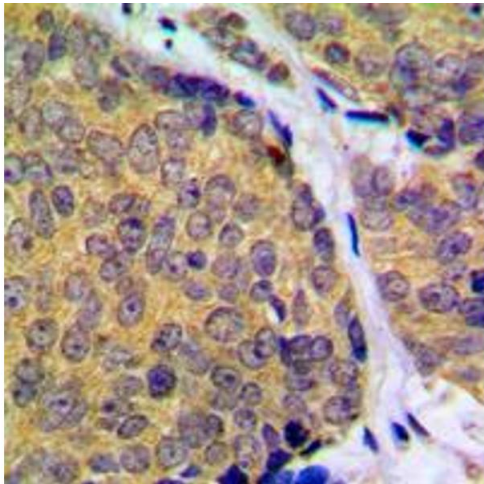
|           |                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | kinase 2, MAPKK 2, ERK activator kinase 2, MAPK/ERK kinase 2, MEK 2                                                                                                                                                                                                                                                                                                            |
| Gene ID:  | 5605                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:  | <a href="#">P36507</a>                                                                                                                                                                                                                                                                                                                                                         |
| Pathways: | <a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">BCR Signaling</a> |

## Application Details

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Application Notes: | WB (1:500 - 1:1000), IH (1:100 - 1:200), IP (1:10 - 1:100) |
| Restrictions:      | For Research Use only                                      |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.          |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                       |
| Expiry Date:       | 12 months                                                                                                              |



Immunohistochemistry

**Image 1.** Immunohistochemical analysis of MKK2 (pT394) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

**Image 2.** Western blot analysis of MKK2 (pT394) expression in HeLa UV-treated (A), HepG2 UV-treated (B) whole cell lysates.

