

## Datasheet for ABIN7604686 **anti-DUSP6 antibody**

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### Overview

|              |                                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                    |
| Target:      | DUSP6                                                                                                                                                     |
| Reactivity:  | Human, Mouse, Rat                                                                                                                                         |
| Host:        | Rabbit                                                                                                                                                    |
| Clonality:   | Monoclonal                                                                                                                                                |
| Conjugate:   | This DUSP6 antibody is un-conjugated                                                                                                                      |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunocytochemistry (ICC), Immunoprecipitation (IP), Flow Cytometry (FACS) |

### Product Details

|                  |                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-DUSP6/Mkp 3 Rabbit Monoclonal Antibody                                                                                                                         |
| Immunogen:       | A synthesized peptide derived from human DUSP6                                                                                                                      |
| Clone:           | DBE-4                                                                                                                                                               |
| Isotype:         | IgG                                                                                                                                                                 |
| Characteristics: | Anti-DUSP6/Mkp 3 Rabbit Monoclonal Antibody (ABIN7604686). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |
| Purification:    | Affinity-chromatography                                                                                                                                             |

### Target Details

|         |       |
|---------|-------|
| Target: | DUSP6 |
|---------|-------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | DUSP6 ( <a href="#">DUSP6 Products</a> )                                                                                                                                                                                                                                                                                                   |
| Background:       | Synonyms: Dual specificity protein phosphatase 6,3.1.3.16,3.1.3.48,Dual specificity protein phosphatase PYST1,Mitogen-activated protein kinase phosphatase 3,MAP kinase phosphatase 3,MKP-3,DUSP6,MKP3, PYST1,<br><br>Tissue Specificity: Highly expressed in cerebellum, but also found in frontal cortex, hippocampus and basal ganglia. |
| Molecular Weight: | 73 kDa                                                                                                                                                                                                                                                                                                                                     |
| UniProt:          | <a href="#">Q16828</a>                                                                                                                                                                                                                                                                                                                     |
| Pathways:         | <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>                                                                                                                                                                                       |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                     |
| Reconstitution:    | Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL                                                           |
| Concentration:     | Lot specific                                                                                                                               |
| Buffer:            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.                    |
| 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:           | 4 °C,-20 °C                                                                                                                                |
| Storage Comment:   | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |