

## Rabbit anti-Human, Mouse DUSP10 Polyclonal Antibody | anti-DUSP10 antibody

DUSP10 Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA307454</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

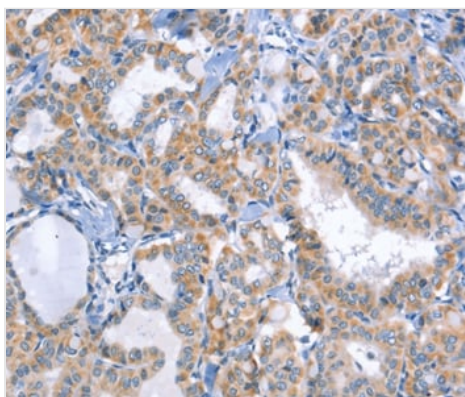
### PRODUCT SYNONYMS

DUSP10; Polyclonal Antibody; DUSP10 Antibody; MKP5; MKP-5; anti-DUSP10 antibody

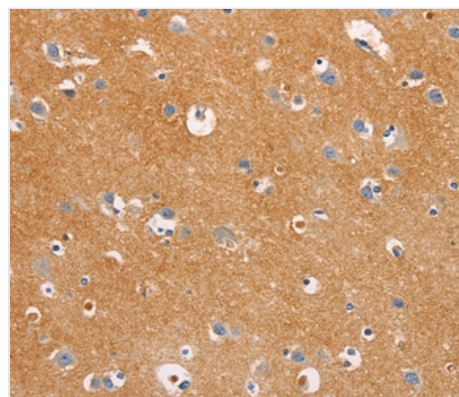
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                |
| Reactivity                                       | Human, Mouse                                                                                          |
| Clonality                                        | Polyclonal                                                                                            |
| Specificity                                      | The antibody detects endogenous levels of total DUSP10 protein.                                       |
| Purity/Purification                              | Antigen affinity purification.                                                                        |
| Form/Format                                      | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                       |
| Concentration                                    | 1 mg/ml (varies by lot)                                                                               |
| Sequence Length                                  | 482                                                                                                   |
| Applicable Applications for anti-DUSP10 antibody | IHC (Immunohistochemistry)                                                                            |
| Immunogen Type                                   | Recombinant Protein                                                                                   |
| Immunogen Description                            | Fusion protein corresponding to residues near the C terminal of human dual specificity phosphatase 10 |
| Target Name                                      | DUSP10                                                                                                |
| Preparation and Storage                          | Store at -20 degree C                                                                                 |

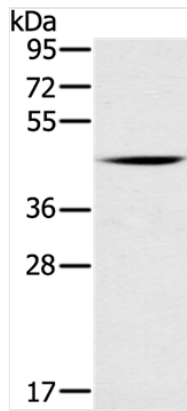
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.



#### Application Data

Gel: 8%SDS-PAGE Lysate: 40ug Mouse brain Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 minutes

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DUSP10 antibody | Dual specificity protein phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the MAPK superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of this family of dual specificity phosphatases show distinct substrate specificities for MAPKs, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product binds to and inactivates p38 and SAPK/JNK, but not MAPK/ERK. Its subcellular localization is unique; it is evenly distributed in both the cytoplasm and the nucleus. |
| Product Categories/Family for anti-DUSP10 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 6005812                                 |
| NCBI GeneID                      | 11221                                   |
| NCBI Accession #                 | NP_009138.1                             |
| NCBI GenBank Nucleotide #        | NM_007207.5                             |
| UniProt Accession #              | Q9Y6W6; Q6GSI4; Q9H9Z5; D3DTB4          |
| Molecular Weight                 | 16,110 Da                               |
| NCBI Official Full Name          | dual specificity protein phosphatase 10 |
| NCBI Official Synonym Full Names | dual specificity phosphatase 10         |
| NCBI Official Symbol             | DUSP10                                  |
| NCBI Official Synonym Symbols    | MKP5; MKP-5                             |
| NCBI Protein Information         | dual specificity protein phosphatase 10 |
| UniProt Protein Name             | Dual specificity protein phosphatase 10 |
| UniProt Gene Name                | DUSP10                                  |
| UniProt Synonym Gene Names       | MKP5; MAP kinase phosphatase 5; MKP-5   |
| UniProt Entry Name               | DUS10_HUMAN                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

