

## Rabbit DUSP1/4 Polyclonal Antibody | anti-DUSP1/4 antibody

Rabbit anti-DUSP1/4 Antibody

| CATALOG # | HOST   | REACTIVITY                                         | APPLICATIONS                       |
|-----------|--------|----------------------------------------------------|------------------------------------|
| AAA221116 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Dog, Zebrafish | Immunohistochemistry, Western Blot |

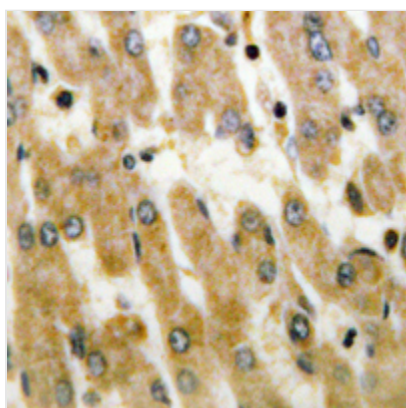
### PRODUCT SYNONYMS

DUSP1/4; Polyclonal Antibody; Rabbit anti-DUSP1/4 Antibody; DUSP1; CL100; MKP1; PTPN10; VH1; Dual specificity protein phosphatase 1; Dual specificity protein phosphatase hVH1; Mitogen-activated protein kinase phosphatase 1; MAP kinase phosphatase 1; MKP-1; Protein-tyrosine phosphatase CL100; DUSP4; MKP2; VH2; Dual specificity protein phosphatase 4; Dual specificity protein phosphatase hVH2; Mitogen-activated protein kinase phosphatase 2; MAP kinase phosphatase 2; MKP-2; anti-DUSP1/4 antibody

### PRODUCT SPECIFICATIONS

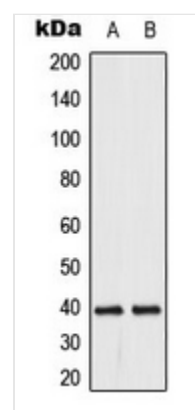
|                                                   |                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                 |
| Reactivity                                        | Human, Mouse, Rat, Bovine, Chicken, Dog, Zebrafish                                                                                     |
| Clonality                                         | Polyclonal                                                                                                                             |
| Purity/Purification                               | The antibody was purified by immunogen affinity chromatography.                                                                        |
| Form/Format                                       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                              |
| Concentration                                     | 1mg/mL (varies by lot)                                                                                                                 |
| Applicable Applications for anti-DUSP1/4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                          |
| Immunogen                                         | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DUSP1/4. The exact sequence is proprietary. |
| Preparation and Storage                           | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of DUSP1/4 staining in human liver 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.



#### WB (Western Blot)

Western blot analysis of DUSP1/4 expression in HeLa (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Product Categories/Family for anti-DUSP1/4 antibody | Primary antibodies |
|-----------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4758204                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 1843                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_004408.1                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_004417.3                                                                                                                                                                                                                                    |
| UniProt Accession #              | P28562; Q13115; P28563; Q8BFV3; Q64623; Q62767                                                                                                                                                                                                 |
| Molecular Weight                 | 39,298 Da                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | dual specificity protein phosphatase 1                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | dual specificity phosphatase 1                                                                                                                                                                                                                 |
| NCBI Official Symbol             | DUSP1                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | HVH1; MKP1; CL100; MKP-1; PTPN10                                                                                                                                                                                                               |
| NCBI Protein Information         | dual specificity protein phosphatase 1; MAP kinase phosphatase 1; protein-tyrosine phosphatase CL100; dual specificity protein phosphatase hVH1; serine/threonine specific protein phosphatase; mitogen-activated protein kinase phosphatase 1 |
| UniProt Protein Name             | Dual specificity protein phosphatase 1                                                                                                                                                                                                         |
| UniProt Gene Name                | DUSP1                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | CL100; MKP1; PTPN10; VH1; MAP kinase phosphatase 1; MKP-1                                                                                                                                                                                      |
| UniProt Entry Name               | DUS1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dusp1-4-antibody-immunohistochemistry-western-blot-elisa/221116>