

## Rabbit anti-Human DUSP9 Polyclonal Antibody | anti-DUSP9 antibody

DUSP9 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA308670</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

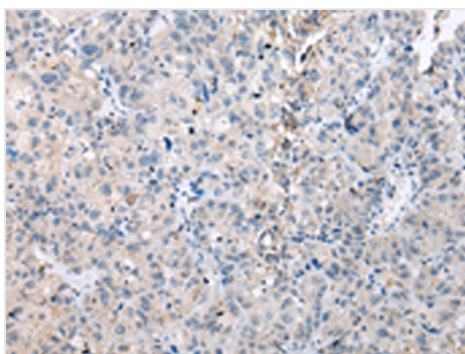
### PRODUCT SYNONYMS

DUSP9; Polyclonal Antibody; DUSP9 Antibody; MKP4; MKP-4; anti-DUSP9 antibody

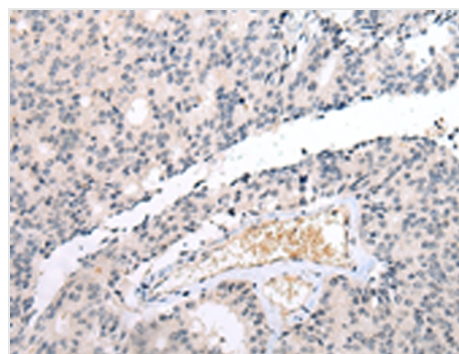
### PRODUCT SPECIFICATIONS

|                                                 |                                                                 |
|-------------------------------------------------|-----------------------------------------------------------------|
| Host                                            | Rabbit                                                          |
| Reactivity                                      | Human                                                           |
| Clonality                                       | Polyclonal                                                      |
| Specificity                                     | The antibody detects endogenous levels of total DUSP9 protein.  |
| Purity/Purification                             | Antigen Affinity Purification                                   |
| Form/Format                                     | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                   | 1.3 mg/ml (varies by lot)                                       |
| Sequence Length                                 | 384                                                             |
| Applicable Applications for anti-DUSP9 antibody | IHC (Immunohistochemistry)                                      |
| Immunogen                                       | Synthetic peptide of human DUSP9                                |
| Immunogen Type                                  | Peptide                                                         |
| Preparation and Storage                         | Store at -20 degree C                                           |

### IMAGES


**IHC (Immunohistochemistry)**

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


**IHC (Immunohistochemistry)**

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

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DUSP9 antibody | The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus. |
| Product Categories/Family for anti-DUSP9 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 972781550                              |
| NCBI GeneID                      | 1852                                   |
| NCBI Accession #                 | NP_001305432.1                         |
| NCBI GenBank Nucleotide #        | NM_001318503.1                         |
| UniProt Accession #              | Q99956; D3DWU5                         |
| Molecular Weight                 | 41,868 Da                              |
| NCBI Official Full Name          | dual specificity protein phosphatase 9 |
| NCBI Official Synonym Full Names | dual specificity phosphatase 9         |
| NCBI Official Symbol             | DUSP9                                  |
| NCBI Official Synonym Symbols    | MKP4; MKP-4                            |
| NCBI Protein Information         | dual specificity protein phosphatase 9 |
| UniProt Protein Name             | Dual specificity protein phosphatase 9 |
| UniProt Gene Name                | DUSP9                                  |
| UniProt Synonym Gene Names       | MKP4; MAP kinase phosphatase 4; MKP-4  |
| UniProt Entry Name               | DUS9_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://stage.aaabiotech.com/polyclonal/dusp9-antibody-immunohistochemistry-elisa/308670>