

## Rabbit anti-Human DUSP12 Polyclonal Antibody | anti-DUSP12 antibody

DUSP12 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA303459</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

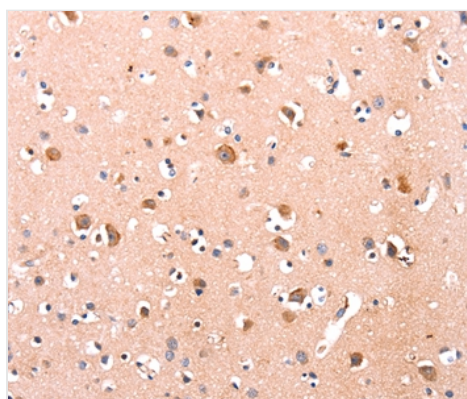
### PRODUCT SYNONYMS

DUSP12; Polyclonal Antibody; DUSP12 Antibody; YVH1; DUSP1; anti-DUSP12 antibody

### PRODUCT SPECIFICATIONS

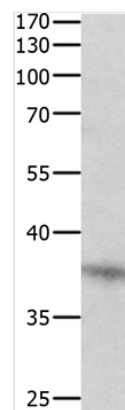
|                                                  |                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------|
| Host                                             | Rabbit                                                          |
| Reactivity                                       | Human                                                           |
| Clonality                                        | Polyclonal                                                      |
| Specificity                                      | The antibody detects endogenous levels of total DUSP12 protein. |
| Purity/Purification                              | Antigen affinity purification.                                  |
| Form/Format                                      | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol. |
| Concentration                                    | 2 mg/ml (varies by lot)                                         |
| Sequence Length                                  | 340                                                             |
| Applicable Applications for anti-DUSP12 antibody | IHC (Immunohistochemistry), WB (Western Blot)                   |
| Immunogen Type                                   | Recombinant Protein                                             |
| Immunogen Description                            | Full length fusion protein                                      |
| Target Name                                      | DUSP12                                                          |
| Preparation and Storage                          | Store at -20 degree C                                           |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/25.



#### Application Data

Gel: 10%SDS-PAGE Lysate: 40ug Jurkat cellPrimary antibody: 1/500 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DUSP12 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 is the human ortholog of the Saccharomyces cerevisiae YVH1 protein tyrosine phosphatase. It is localized predominantly in the nucleus, and is novel in that it contains, and is regulated by a zinc finger domain. |
| Product Categories/Family for anti-DUSP12 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 6005956                                 |
| NCBI GeneID                      | 11266                                   |
| NCBI Accession #                 | NP_009171.1                             |
| NCBI GenBank Nucleotide #        | NM_007240.2                             |
| UniProt Accession #              | Q9UNI6; Q5VXA8                          |
| Molecular Weight                 | 37,687 Da                               |
| NCBI Official Full Name          | dual specificity protein phosphatase 12 |
| NCBI Official Synonym Full Names | dual specificity phosphatase 12         |
| NCBI Official Symbol             | DUSP12                                  |
| NCBI Official Synonym Symbols    | YVH1; DUSP1                             |
| NCBI Protein Information         | dual specificity protein phosphatase 12 |
| UniProt Protein Name             | Dual specificity protein phosphatase 12 |
| UniProt Gene Name                | DUSP12                                  |
| UniProt Entry Name               | DUS12_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/dusp12-antibody-immunohistochemistry-western-blot-elisa/303459>