## antibodies .- online.com







## anti-DUSP7 antibody (N-Term)

**Images** 



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|-----------|-----------|
| 1 1\/\pir | view      |
| $\circ$   | V I C V V |

Target:

Alternative Name:

| 0.0                  |  |
|----------------------|--|
| Quantity:            | 0.4 mL   |
| Target:              | DUSP7  |
| Binding Specificity: | N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This DUSP7 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme     |
|                      | Immunoassay (EIA)  |
| Product Details      |  |
| Immunogen:           | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide      |
|                      | selected from the N-terminal region of human DUSP7.  |
| Isotype:             | Ig Fraction  |
| Specificity:         | This antibody reacts to DUSP7.   |
| Purification:        | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by |
|                      | dialysis against PBS   |
|                      |  |

DUSP7

DUSP7 / PYST2 (DUSP7 Products)

## **Target Details**

| Background:         | DUSP7 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             |
|                     | are 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.Synonyms: Dual specificity protein phosphatase 7         |
| Gene ID:            | 1849, 9606   |
| UniProt:            | Q16829   |
| Pathways:           | Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors          |
|                     | Cascades   |
|                     |  |
| Application Details |  |
| Application Notes:  | ELISA: 1/1,000. Western Blot: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.                   |
|                     | Other applications not tested.   |
|                     | Optimal dilutions are dependent on conditions and should be determined by the user.                |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Concentration:      | 0.25 mg/mL   |
| Buffer:             | PBS with 0.09 % (W/V) sodium azide   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                      |
|                     | should be handled by trained staff only.   |
| Handling Advice:    | Avoid repeated freezing and thawing.   |
| Storage:            | 4 °C/-20 °C  |
| Storage Comment:    | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.         |
|                     |  |

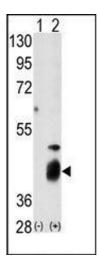


Image 1.

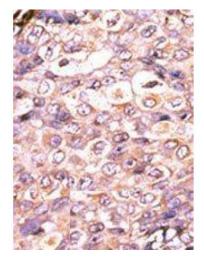


Image 2.