

## Product datasheet for **TA350588S**

### DUSP11 Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 30-150<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm     |
| Reactivity:           | Human   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Full length fusion protein  |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol  |
| Purification:         | Antigen affinity purification   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | dual specificity phosphatase 11   |
| Database Link:        | <a href="#">NP_003575</a><br><a href="#">Entrez Gene 8446 Human</a><br><a href="#">O75319</a> |

**Background:** 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 localized to the nucleus and binds directly to RNA and splicing factors, and thus it is suggested to participate in nuclear mRNA metabolism.

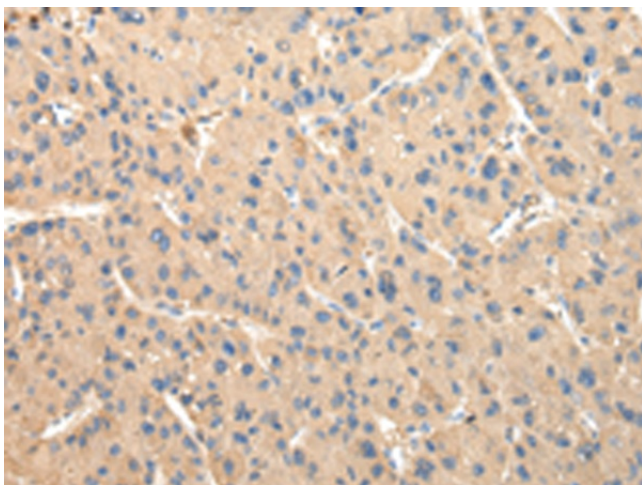


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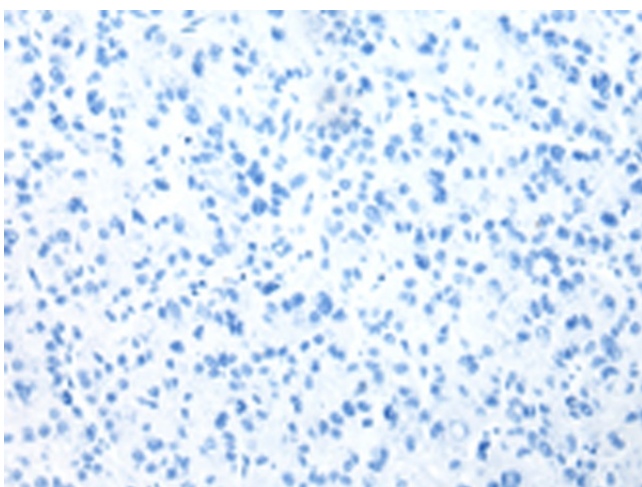
Synonyms: PIR1

Protein Families: Druggable Genome, Phosphatase

### Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA350588] (DUSP11 Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA350588] (DUSP11 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )