

## Rabbit DUSP22 / JSP 1 Polyclonal Antibody | anti-DUSP22 antibody

Rabbit Polyclonal to Human DUSP22 / JSP 1

| CATALOG # | HOST   | REACTIVITY                                                                                                                                       | APPLICATIONS         |
|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| AAA51091  | Rabbit | Gibbon, Bovine, Gorilla, Horse, Human, Monkey, Rabbit<br>Predicted Reactivity: Mouse, Rat, Chicken<br>(at least 90% immunogen sequence identity) | Immunohistochemistry |

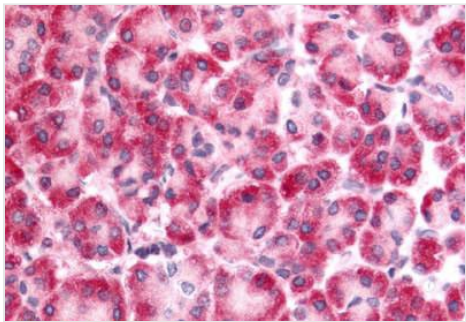
### PRODUCT SYNONYMS

DUSP22 / JSP 1; Polyclonal Antibody; Rabbit Polyclonal to Human DUSP22 / JSP 1; Anti-DUSP22 / JSP 1 Antibody (Internal) IHC-plus; DUSP22; JSP 1; JKAP; JNK-stimulating phosphatase 1; LMW-DSP2; Map kinase phosphatase x; MKPX; VHx; JNK-stimulatory phosphatase-1; JSP-1; JSP1; LMWDSP2; MKP-X; Human DUSP22; anti-DUSP22 antibody

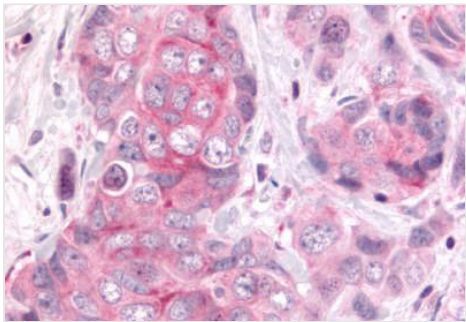
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                             |
| Reactivity                                       | Gibbon, Bovine, Gorilla, Horse, Human, Monkey, Rabbit<br><b>Predicted Reactivity:</b> Mouse, Rat, Chicken (at least 90% immunogen sequence identity)                                                                                                                                                               |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                         |
| Specificity                                      | Human DUSP22. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                                                                                                                                |
| Purity/Purification                              | Immunoaffinity Purified                                                                                                                                                                                                                                                                                            |
| Form/Format                                      | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                            |
| Concentration                                    | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                            |
| Sequence Length                                  | 184                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-DUSP22 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                         |
| Target Species                                   | Human                                                                                                                                                                                                                                                                                                              |
| Immunogen Description                            | Synthetic 17 amino acid peptide from internal region of human DUSP22. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Bovine, Horse, Rabbit (100%); Mouse, Rat, Panda, Turkey, Chicken (94%).                                                           |
| Immunogen Type                                   | Synthetic peptide                                                                                                                                                                                                                                                                                                  |
| Immunogen                                        | DUSP22 / JSP 1 antibody was raised against synthetic 17 amino acid peptide from internal region of human DUSP22. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Bovine, Horse, Rabbit (100%); Mouse, Rat, Panda, Turkey, Chicken (94%); Xenopus (88%). |
| Antigen Modification                             | Internal                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                          | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                                   |

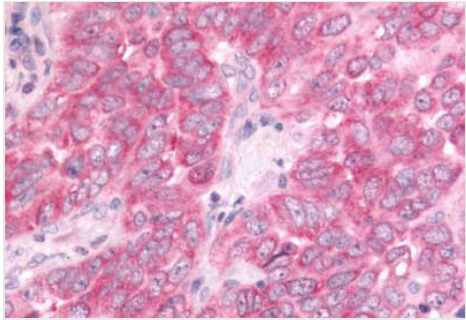
IMAGES



**IHC (Immunohistochemistry)**  
Anti-DUSP22 antibody IHC of human acinar epithelial cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-DUSP22 / JSP 1 antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-DUSP22 / JSP 1 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DUSP22 antibody | MKPX, also known as JSP-1 for Jnk Stimulatory Phosphatase-1, belongs to the LMW-DSP subfamily of phosphatases. MKPX has been shown to have the capacity to activate the c-Jun N-terminal kinase (Jnk) signaling pathway. The activation of Jnk has been implicated in a number of important physiological processes, including embryonic morphogenesis, cell survival and apoptosis. At least two mRNA transcripts have been reported. |
| Product Categories/Family for anti-DUSP22 antibody   | Family: Protein Phosphatase; Subfamily: LMW-DSP                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 9910432                                                |
| NCBI GeneID                      | 56940                                                  |
| NCBI Accession #                 | NP_064570.1                                            |
| NCBI GenBank Nucleotide #        | NM_020185.4                                            |
| UniProt Accession #              | Q9NRW4; Q59GW2; Q5VWR2; Q96AR1; B4DK56                 |
| Molecular Weight                 | 23,268 Da                                              |
| NCBI Official Full Name          | dual specificity protein phosphatase 22 isoform b      |
| NCBI Official Synonym Full Names | dual specificity phosphatase 22                        |
| NCBI Official Symbol             | DUSP22                                                 |
| NCBI Official Synonym Symbols    | VHX; JKAP; JSP1; MKPX; JSP-1; MKP-x; LMWDSP2; LMW-DSP2 |

|                                   |                                                                                                                                                                                                                                                                                              |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Protein Information</b>   | dual specificity protein phosphatase 22; MAP kinase phosphatase x; JNK-stimulating phosphatase 1; JNK-stimulatory phosphatase-1; mitogen-activated protein kinase phosphatase x; low molecular weight dual specificity phosphatase 2; homolog of mouse dual specificity phosphatase LMW-DSP2 |
| <b>UniProt Protein Name</b>       | Dual specificity protein phosphatase 22                                                                                                                                                                                                                                                      |
| <b>UniProt Gene Name</b>          | <b>DUSP22</b>                                                                                                                                                                                                                                                                                |
| <b>UniProt Synonym Gene Names</b> | JSP1; LMWDSP2; MKPX; JSP-1; LMW-DSP2; MAP kinase phosphatase x; MKP-x                                                                                                                                                                                                                        |
| <b>UniProt Entry Name</b>         | DUS22_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/dusp22-jsp-1-antibody-immunohistochemistry-elisa/51091>