



## Rabbit Anti-DUSP22 antibody

SL7066R

<b>Product Name:</b>	DUSP22
<b>Chinese Name:</b>	双特异性磷酸酶22抗体
<b>Alias:</b>	Dual specificity protein phosphatase 22; JNK stimulatory phosphatase 1; JSP 1; JSP1; LMW DSP2; Low molecular weight dual specificity phosphatase 2; MAP kinase phosphatase x; Mitogen activated protein kinase phosphatase x; MKPX; DUS22 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Cow,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	21kDa
<b>Cellular localization:</b>	The nucleocytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DUSP22/JSP1:13-100/184
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Activates the Jnk signaling pathway. Dephosphorylates and deactivates p38 and stress-activated protein kinase /c-Jun N-terminal kinase (SAPK/JNK)  <b>Function:</b>

Activates the Jnk signaling pathway. Dephosphorylates and deactivates p38 and stress-activated protein kinase/c-Jun N-terminal kinase (SAPK/JNK) (By similarity).

**Subunit:**

Monomer.

**Subcellular Location:**

Cytoplasm. Nucleus.

**Tissue Specificity:**

Ubiquitous. Highest expression seen in heart, placenta, lung, liver, kidney and pancreas.

**Post-translational modifications:**

Myristoylation regulates subcellular location, and is necessary for activation of JNK.

**Similarity:**

Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

**SWISS:**

Q9NRW4

**Gene ID:**

56940

**Database links:**

[Entrez Gene: 56940](#)Human

[Entrez Gene: 105352](#)Mouse

[Entrez Gene: 361242](#)Rat

[SwissProt: Q9NRW4](#)Human

[SwissProt: Q99N11](#)Mouse

[Unigene: 29106](#)Human

[Unigene: 289646](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.