

**DUSP22 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8482a****Specification**

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**DUSP22 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9NRW4](#)**DUSP22 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 56940**Other Names**

Dual specificity protein phosphatase 22, JNK-stimulatory phosphatase-1, JSP-1, Low molecular weight dual specificity phosphatase 2, LMW-DSP2, Mitogen-activated protein kinase phosphatase x, MAP kinase phosphatase x, MKP-x, DUSP22, JSP1, LMWDSP2, MKPX

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8482a](/products/AP8482a) was selected from the N-term region of human DUSP22. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DUSP22 Antibody (N-term) Blocking Peptide - Protein Information****Name** DUSP22**Synonyms** JSP1, LMWDSP2, MKPX**Function**

Activates the Jnk signaling pathway.

**Cellular Location**

Cytoplasm.

**Tissue Location**

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

**DUSP22 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**DUSP22 Antibody (N-term) Blocking Peptide - Images****DUSP22 Antibody (N-term) Blocking Peptide - Background**

DUSP22 is member of the dual-specificity phosphatase (DSP) family, which catalyzes dephosphorylation of phosphotyrosine and phosphothreonine residues.

**DUSP22 Antibody (N-term) Blocking Peptide - References**

Sekine,Y., Oncogene 26 (41), 6038-6049 (2007)Chen,A.J., J. Biol. Chem. 277 (39), 36592-36601 (2002)