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

Specification

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 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

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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)