

DUSP21 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8481c

Specification

DUSP21 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9H596](#)

DUSP21 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 63904

Other Names

Dual specificity protein phosphatase 21, Low molecular weight dual specificity phosphatase 21, LMW-DSP21, DUSP21, LMWDSP21

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8481c](/products/AP8481c) was selected from the Center region of human DUSP21. 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.

DUSP21 Antibody (Center) Blocking Peptide - Protein Information

Name DUSP21

Synonyms LMWDSP21

Function

Can dephosphorylate single and diphosphorylated synthetic MAPK peptides, with preference for the phosphotyrosine and diphosphorylated forms over phosphothreonine.

Cellular Location

Cytoplasm. Nucleus. Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

Tissue Location

Expressed in testis..

DUSP21 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DUSP21 Antibody (Center) Blocking Peptide - Images**DUSP21 Antibody (Center) Blocking Peptide - Background**

DUSP21 is member of the dual-specificity phosphatase (DSP) family, which catalyzes dephosphorylation of phosphotyrosine and phosphothreonine residues.

DUSP21 Antibody (Center) Blocking Peptide - References

Hood, K.L., Biochem. Biophys. Res. Commun. 298 (4), 545-551 (2002)