

**DUSP28 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8925c****Specification**

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**DUSP28 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q4G0W2](#)**DUSP28 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 285193**Other Names**

Dual specificity phosphatase 28, DUSP28

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href="/products/AP8925c">AP8925c</a> was selected from the Center region of human DUSP28. 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.

**DUSP28 Antibody (Center) Blocking Peptide - Protein Information****Name** DUSP28**Function**

Has phosphatase activity with the synthetic substrate 6,8- difluoro-4-methylumbelliferyl phosphate (in vitro) (PubMed:<a href="http://www.uniprot.org/citations/24531476" target="\_blank">24531476</a>, PubMed:<a href="http://www.uniprot.org/citations/29121083" target="\_blank">29121083</a>). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine (PubMed:<a href="http://www.uniprot.org/citations/29121083" target="\_blank">29121083</a>). The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site (PubMed:<a href="http://www.uniprot.org/citations/29121083" target="\_blank">29121083</a>).

**DUSP28 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**DUSP28 Antibody (Center) Blocking Peptide - Images****DUSP28 Antibody (Center) Blocking Peptide - Background**

DUSP28 belongs to the protein-tyrosine phosphatase family, non-receptor class dual specificity subfamily. It contains one tyrosine-protein phosphatase domain.

**DUSP28 Antibody (Center) Blocking Peptide - References**

Strausberg, R.L., et.al., Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)