

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

DUSP28 Antibody (Center) Blocking Peptide - Product InformationPrimary 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 [AP8925c](/products/AP8925c) 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:[24531476](http://www.uniprot.org/citations/24531476), PubMed:[29121083](http://www.uniprot.org/citations/29121083)). Has almost no detectable activity with phosphotyrosine, even less activity with phosphothreonine and displays complete lack of activity with phosphoserine (PubMed:[29121083](http://www.uniprot.org/citations/29121083)). The poor activity with phosphotyrosine may be due to steric hindrance by bulky amino acid sidechains that obstruct access to the active site (PubMed:[29121083](http://www.uniprot.org/citations/29121083)).

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)