

**DUSP15 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8457a****Specification**

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**DUSP15 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O9H1R2](#)  
Other Accession [Q6PGN7](#)

**DUSP15 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 128853

**Other Names**

Dual specificity protein phosphatase 15, VH1-related member Y, Vaccinia virus VH1-related dual-specific protein phosphatase Y, DUSP15, C20orf57, VHY

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8457a](/product/products/AP8457a) was selected from the N-term region of human DUSP15. 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.

**DUSP15 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** DUSP15 ([HGNC:16236](#))

**Function**

May dephosphorylate MAPK13, ATF2, ERBB3, PDGFRB and SNX6 (PubMed:<http://www.uniprot.org/citations/22792334> target="\_blank">22792334).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Highly expressed in testis (PubMed:15138252). Expressed in brain; up-regulated in patients with multiple sclerosis gray matter lesions (PubMed:22792334).

**DUSP15 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**DUSP15 Antibody (N-term) Blocking Peptide - Images****DUSP15 Antibody (N-term) Blocking Peptide - Background**

DUSP15 belongs to the non-receptor class of the protein-tyrosine phosphatase family. This protein has both protein-tyrosine phosphatase activity and serine/threonine-specific phosphatase activity, and therefore is known as a dual specificity phosphatase.

**DUSP15 Antibody (N-term) Blocking Peptide - References**

Alonso, A., et al., J. Biol. Chem. 279(31):32586-32591 (2004).