

**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1234****Specification**

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**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Product Information**Other Accession [Q9HC62](#)**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Additional Information****Target/Specificity**

The synthetic peptide sequence used to generate the antibody [ZZ1234](/product/products/ZZ1234) was selected from the Center region of human hDUSP8-S471 haha. 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.

**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Protein Information****hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Images****hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - Background**

Arginine methylation is an irreversible post translational modification which has only recently been linked to protein activity. At least three types of PRMT enzymes have been identified in mammalian cells. These enzymes have been shown to have essential regulatory functions by methylation of key proteins in several fundamental areas. These protein include nuclear proteins, IL enhancer binding factor, nuclear factors, cell cycle proteins, signal transduction proteins, apoptosis proteins, and viral proteins. The mammalian PRMT family currently consists of 7 members that share two large domains of homology. Outside of these domains, epitopes were identified and antibodies against all 7 PRMT members have been developed.

**hDUSP8-S471 haha antibody (Center S497) Blocking Peptide - References**

Penuelas, S., et al., FEBS J. 272(3):696-710 (2005).Vannozzi, F., et al., Transplant. Proc. 36(9):2787-2790 (2004).Ingley, E., et al., FEBS Lett. 478(3):253-259 (2000).Colby, T.D., et al., Proc. Natl. Acad. Sci. U.S.A. 96(7):3531-3536 (1999).Markham, G.D., et al., Biochemistry 38(14):4433-4440 (1999).