

**HDGF Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6375a****Specification**

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**HDGF Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P51858](#)**HDGF Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3068**Other Names**

Hepatoma-derived growth factor, HDGF, High mobility group protein 1-like 2, HMG-1L2, HDGF, HMG1L2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6375a](/products/AP6375a) was selected from the N-term region of human HDGF. 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.

**HDGF Antibody (N-term) Blocking Peptide - Protein Information****Name** HDGF**Synonyms** HMG1L2**Function**

[Isoform 1]: Acts as a transcriptional repressor (PubMed: [17974029](http://www.uniprot.org/citations/17974029)). Has mitogenic activity for fibroblasts (PubMed: [11751870](http://www.uniprot.org/citations/11751870), PubMed: [26845719](http://www.uniprot.org/citations/26845719)). Heparin-binding protein (PubMed: [15491618](http://www.uniprot.org/citations/15491618)).

**Cellular Location**

[Isoform 1]: Nucleus. Cytoplasm. Secreted, extracellular exosome. Note=Secreted by exosomes

and is located inside the exosome (PubMed:27926477). May also be secreted as free protein via an as yet unknown pathway (PubMed:27926477) [Isoform 3]: Nucleus. Cytoplasm Secreted, extracellular exosome Note=Secreted by exosomes and is located on the outer exosome surface

**Tissue Location**

Ubiquitous..

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

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

- [Blocking Peptides](#)

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

HDGF is a member of the hepatoma-derived growth factor family. This protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation.

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

Thakar,K., FEBS J. 275 (7), 1411-1426 (2008)Chang,K.C.,Int. J. Cancer 121 (5), 1059-1065 (2007)Yamamoto,S., Ann. Surg. Oncol. 14 (7), 2141-2149 (2007)Uyama,H., Clin. Cancer Res. 12 (20 PT 1), 6043-6048 (2006)