

**HPSE2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12994c****Specification**

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**HPSE2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q8WWQ2](#)  
Other Accession [NP\\_001159716.1](#), [NP\\_068600.4](#),  
[NP\\_001159717.1](#), [NP\\_001159718.1](#)

**HPSE2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 60495

**Other Names**

Inactive heparanase-2, Hpa2, HPSE2, HPA2

**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.

**HPSE2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** HPSE2

**Synonyms** HPA2

**Function**

Binds heparin and heparan sulfate with high affinity, but lacks heparanase activity. Inhibits HPSE, possibly by competing for its substrates (in vitro).

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Widely expressed, with the highest expression in brain, mammary gland, prostate, small intestine, testis and uterus. In the central nervous system, expressed in the spinal cord, caudate nucleus, thalamus, substantia nigra, medulla oblongata, putamen and pons. In the urinary bladder, expressed in longitudinal and circular layers of detrusor muscle. Found both in normal and cancer tissues

## **HPSE2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **HPSE2 Antibody (C-term) Blocking peptide - Images**

## **HPSE2 Antibody (C-term) Blocking peptide - Background**

Endoglycosidase which is a cell surface and extracellular matrix-degrading enzyme. Cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Also implicated in the extravasation of leukocytes and tumor cell lines. Due to its contribution to metastasis and angiogenesis, it is considered to be a potential target for anti-cancer therapies.