

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP6374a**Specification**

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9Y625](#)**Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10082**Other Names**

Glypican-6, Secreted glypican-6, GPC6

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6374a](/product/products/AP6374a) was selected from the N-term region of human GPC6. 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.

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Protein Information**Name** GPC6**Function**

Cell surface proteoglycan that bears heparan sulfate. Putative cell surface coreceptor for growth factors, extracellular matrix proteins, proteases and anti-proteases (By similarity). Enhances migration and invasion of cancer cells through WNT5A signaling.

Cellular Location

Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side

Tissue Location

Widely expressed. High expression in fetal kidney and lung and lower expressions in fetal liver and brain. In adult tissues, very abundant in ovary, high levels also observed in liver, kidney, small intestine and colon. Not detected in peripheral blood leukocytes. Detected in breast cancer cells (at protein level)

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Images

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - Background

The glypicans comprise a family of glycosylphosphatidylinositol-anchored heparan sulfate proteoglycans. The glypicans have been implicated in the control of cell growth and division. Glypican 6 is a putative cell surface coreceptor for growth factors, extracellular matrix proteins, proteases and anti-proteases.

Glypican 6 (GPC6) Antibody (N-term) Blocking peptide - References

Veugelers,M., J. Biol. Chem. 274 (38), 26968-26977 (1999)Paine-Saunders,S., Genomics 57 (3), 455-458 (1999)