

XYLB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17718a**Specification**

XYLB Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O75191](#)**XYLB Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9942**Other Names**

Xylulose kinase, Xylulokinase, XYLB

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.

XYLB Antibody (N-term) Blocking Peptide - Protein Information**Name** XYLB**Function**

Phosphorylates D-xylulose to produce D-xylulose 5-phosphate, a molecule that may play an important role in the regulation of glucose metabolism and lipogenesis.

XYLB Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

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

The protein encoded by this gene shares 22% sequence identity with Hemophilus influenzae xylulokinase, and even higher identity to other gene products in C.elegans (45%) and yeast (31-35%), which are thought to belong to a family of enzymes that include fucokinase, gluconokinase, glycerokinase and xylulokinase. These proteins play important roles in energy

metabolism. [providedby RefSeq].

XYLB Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Smith, J.G., et al. Heart Rhythm
6(5):634-641(2009)Daigo, Y., et al. DNA Res. 6(1):37-44(1999)Tamari, M., et al. Cytogenet. Cell
Genet. 82 (1-2), 101-104 (1998) :