

THBS2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16951a**Specification**

THBS2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P35442](#)**THBS2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 7058**Other Names**

Thrombospondin-2, THBS2, TSP2

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.

THBS2 Antibody (N-term) Blocking Peptide - Protein Information**Name** THBS2**Synonyms** TSP2**Function**

Adhesive glycoprotein that mediates cell-to-cell and cell-to- matrix interactions. Ligand for CD36 mediating antiangiogenic properties.

Tissue Location

High expression in intervertebral disk tissue.

THBS2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

THBS2 Antibody (N-term) Blocking Peptide - Images**THBS2 Antibody (N-term) Blocking Peptide - Background**

The protein encoded by this gene belongs to the thrombospondin family. It is a disulfide-linked homotrimeric glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein has been shown to function as a potent inhibitor of tumor growth and angiogenesis. Studies of the mouse counterpart suggest that this protein may modulate the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration.

THBS2 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wang, Y., et al. J. Hum. Genet. 55(8):490-494(2010) Meng, H., et al. J. Biol. Chem. 285(30):23047-23055(2010) Shaffer, J.R., et al. Nutr Metab Cardiovasc Dis (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)