

TPPP3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5004b**Specification**

TPPP3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BW30](#)**TPPP3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51673**Other Names**

Tubulin polymerization-promoting protein family member 3, TPPP/p20, TPPP3

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.

TPPP3 Antibody (C-term) Blocking Peptide - Protein Information**Name** TPPP3 {ECO:0000303|PubMed:19633818, ECO:0000312|HGNC:HGNC:24162}**Function**

Regulator of microtubule dynamic that has microtubule bundling activity (PubMed:17105200, PubMed:19633818). Required for embryo implantation; possibly by regulating beta-catenin (By similarity). Also required for decidualization via regulation of beta- catenin (PubMed:30667362).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton

Tissue Location

Expressed in endometrium during the mid-secretory phase (LH + 7) (at protein level).

TPPP3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TPPP3 Antibody (C-term) Blocking Peptide - Images**TPPP3 Antibody (C-term) Blocking Peptide - Background**

TPPP3 binds tubulin and has microtubule bundling activity. TPPP3 may play a role in cell proliferation and mitosis.

TPPP3 Antibody (C-term) Blocking Peptide - References

Zhou, W., et al. Mol. Cell. Biochem. 333 (1-2), 91-98 (2010) Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009) Vincze, O., et al. Biochemistry 45(46):13818-13826(2006)