

TXNDC9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6696c**Specification**

TXNDC9 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O14530](#)**TXNDC9 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 10190**Other Names**

Thioredoxin domain-containing protein 9, ATP-binding protein associated with cell differentiation, Protein 1-4, TXNDC9, APACD

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6696c](/products/AP6696c) was selected from the Center region of human TXNDC9. 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.

TXNDC9 Antibody (Center) Blocking Peptide - Protein Information**Name** TXNDC9**Synonyms** APACD**Function**

Significantly diminishes the chaperonin TCP1 complex ATPase activity, thus negatively impacts protein folding, including that of actin or tubulin.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9CQ79}. Nucleus {ECO:0000250|UniProtKB:Q9CQ79}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q9CQ79}. Midbody {ECO:0000250|UniProtKB:Q9CQ79}. Note=Co-localizes with beta-tubulin in the centrosome. {ECO:0000250|UniProtKB:Q9CQ79}

TXNDC9 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TXNDC9 Antibody (Center) Blocking Peptide - Images

TXNDC9 Antibody (Center) Blocking Peptide - Background

TXNDC9 is a member of the thioredoxin family. The exact function of this protein is not known but it is associated with cell differentiation.

TXNDC9 Antibody (Center) Blocking Peptide - References

Stirling,P.C., J. Biol. Chem. 281 (11), 7012-7021 (2006)