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TXNDC9 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6696c

Specification

TXNDC9 Antibody (Center) Blocking Peptide - Product Information

Primary 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 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}

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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)