

TRAPPC2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16270a**Specification**

TRAPPC2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P0DI81](#)

TRAPPC2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 6399

Other Names

Trafficking protein particle complex subunit 2, Sedlin, TRAPPC2, SEDL

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.

TRAPPC2 Antibody (N-term) Blocking Peptide - Protein Information

Name TRAPPC2

Synonyms SEDL

Function

Prevents transcriptional repression and induction of cell death by ENO1 (By similarity). May play a role in vesicular transport from endoplasmic reticulum to Golgi.

Cellular Location

Cytoplasm, perinuclear region. Endoplasmic reticulum-Golgi intermediate compartment. Nucleus. Cytoplasm. Note=Localized in perinuclear granular structures.

Tissue Location

Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, fetal cartilage, fibroblasts, placenta and lymphocytes.

TRAPPC2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRAPPC2 Antibody (N-term) Blocking Peptide - Images

TRAPPC2 Antibody (N-term) Blocking Peptide - Background

TRAPPC2 is thought to be part of a large multi-subunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, the encoded protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. Mutations in this gene are a cause of spondyloepiphyseal dysplasia tarda (SED). A processed pseudogene of this gene is located on chromosome 19, and other pseudogenes are found on chromosomes 8 and Y.

TRAPPC2 Antibody (N-term) Blocking Peptide - References

Liu, X., et al. J. Cell. Biochem. 109(6):1129-1133(2010) Jeyabalan, J., et al. PLoS ONE 5 (5), E10646 (2010) :Xia, X.Y., et al. Clin. Chim. Acta 410 (1-2), 39-42 (2009) :Guo, H., et al. J. Genet. 88(1):87-91(2009) Xiong, F., et al. Eur. J. Hum. Genet. 17(4):510-516(2009)