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TRAPPC2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16270a

Specification

TRAPPC2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P0DI81
Other Accession	F1SRI0, Q9CQP2, Q08CN0, Q5ZKP4, Q3T0F2, P0DI82
Reactivity	**Human**
Predicted	**Bovine, Chicken, Zebrafish, Mouse, Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**16445**
Antigen Region	**11-39**

TRAPPC2 Antibody (N-term) - Additional Information

Gene ID 6399

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

Target/Specificity
This TRAPPC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-39 amino acids from the N-terminal region of human TRAPPC2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TRAPPC2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAPPC2 Antibody (N-term) - 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.

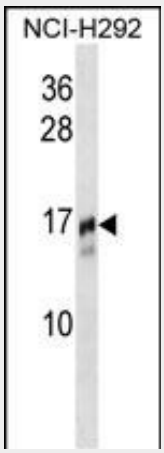
Tissue Location
Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, fetal cartilage, fibroblasts, placenta and lymphocytes.

TRAPPC2 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRAPPC2 Antibody (N-term) - Images



TRAPPC2 Antibody (N-term) (Cat. #AP16270a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the TRAPPC2 antibody detected the TRAPPC2 protein (arrow).

TRAPPC2 Antibody (N-term) - 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 (SEDT). 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) - References

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Jeyabalan, J., et al. PLoS ONE 5 (5), E10646 (2010) :
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Guo, H., et al. J. Genet. 88(1):87-91(2009)
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