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TRAPPC2 Rabbit mAb

Catalog # AP76747

Product Information

Application	WB
Primary Accession	P0DI81
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	16445

Additional Information

Gene ID	6399
Other Names	TRAPPC2
Dilution	WB~~1:1000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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.

Background

The protein encoded by this gene 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. Alternatively spliced transcript variants have been found for this gene.

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