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Rabbit Anti-TRAPPC2 antibody

SL16583R

Product Name:	TRAPPC2
Chinese Name:	SEDL蛋白抗体
Alias:	hYP38334; MBP 1 interacting protein 2A; MBP-1-interacting protein 2A; MIP 2A; MIP-2A; MIP2A; SEDL; Sedlin; SEDLP; SEDT; Spondyloepiphyseal dysplasia tarda protein; Spondyloepiphyseal dysplasia, late; TPC2A_HUMAN; Trafficking protein particle complex 2; Trafficking protein particle complex subunit 2; TRAPPC2P1; TRS20; ZNF547L.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TRAPPC2:71-140/140
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. [provided by RefSeq, Mar 2010] **Function:** Prevents MBP1-mediated transcriptional repression and antagonizes MBP1-mediated cell death. May play a role in vesicular transport from endoplasmic reticulum to Golgi. **Subcellular Location:** Cytoplasm > perinuclear region. Endoplasmic reticulum. Golgi apparatus. Localized in perinuclear granular structures. **Tissue Specificity:** Widely expressed. **DISEASE:** Defects in TRAPPC2 are the cause of spondyloepiphyseal dysplasia tarda (SEDT) [MIM:313400]. SEDT is an X-linked recessive disorder of endochondral bone formation. **Similarity:** Belongs to the TRAPP small subunits family. Sedlin subfamily. **SWISS:** O14582 **Gene ID:** 6399 **Database links:** Entrez Gene: 6399 Human Entrez Gene: 66050 Mouse Entrez Gene: 66226 Mouse Entrez Gene: 501550 Rat Omim: 300202 Human SwissProt: O14582 Human SwissProt: P0DI81 Human

	SwissProt: Q9CQP2 Mouse Unigene: 592238 Human Unigene: 622292 Human Unigene: 279752 Mouse Unigene: 35693 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.