

Product datasheet for **TA339715**

TRAPPC2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TRAPPC2 antibody: synthetic peptide directed towards the middle region of human TRAPPC2. Synthetic peptide located within the following region: RQEDGIKNFFTDVYDLYIKFSMNPFYEPNSPIRSSAFDRKQVFLGKKHLL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	trafficking protein particle complex 2
Database Link:	NP_055378 Entrez Gene 6399 Human P0DI81



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Background:

TRAPPC2 prevents MBP1-mediated transcriptional repression and antagonizes MBP1-mediated cell death. TRAPPC2 may play a role in vesicular transport from endoplasmic reticulum to Golgi. The protein encoded by this gene is thought to be part of a large multisubunit 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 MBP1 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 encoding distinct isoforms or having different 5' UTRs, have been found for this gene.

Synonyms:

hYP38334; MIP2A; SEDL; SEDT; TRAPPC2P1; TRS20; ZNF547L

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 86%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-TRAPPC2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive
Control: Human Spleen