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TPC6A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5287a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O75865
Reactivity	Human
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26416
Calculated MW	17605
Antigen Region	34-62

Additional Information

Gene ID	79090
Other Names	Trafficking protein particle complex subunit 6A, TRAPP complex subunit 6A, TRAPPC6A
Target/Specificity	This TPC6A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-62 amino acids from the N-terminal region of human TPC6A.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
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	TPC6A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRAPPC6A {ECO:0000303|PubMed:19416478, ECO:0000312|HGNC:HGNC:23069}
Function	May play a role in vesicular transport during the biogenesis of

melanosomes.

Cellular Location Golgi apparatus, cis-Golgi network. Endoplasmic reticulum

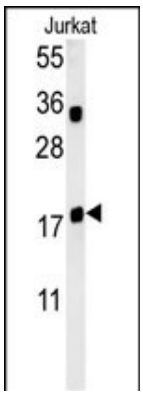
Background

TRAPPC6A is a subunit of the TRAPP I and II complexes.

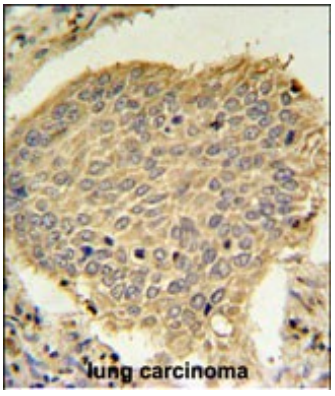
References

Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009)
Gwynn, B., et al. Genomics 88(2):196-203(2006)
Kim, M.S., et al. Traffic 6(12):1183-1195(2005)

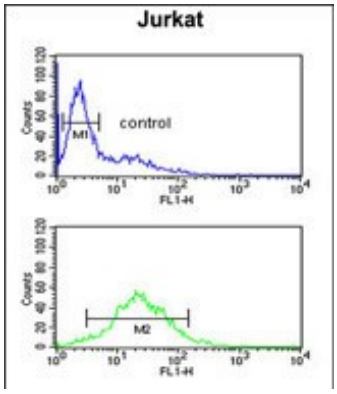
Images



TPC6A Antibody (N-term) (Cat. #AP5287a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the TPC6A antibody detected the TPC6A protein (arrow).



TPC6A Antibody (N-term) (Cat. #AP5287a) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TPC6A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



TPC6A Antibody (N-term) (Cat. #AP5287a) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.