10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TRAPPC3 Antibody

Catalog # AP60647

Product Information

Application	WB, IHC, IF/IC
Primary Accession	O43617
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20274

Additional Information

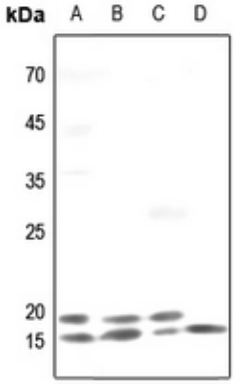
Gene ID	27095
Other Names	BET3; Trafficking protein particle complex subunit 3; BET3 homolog
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TRAPPC3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

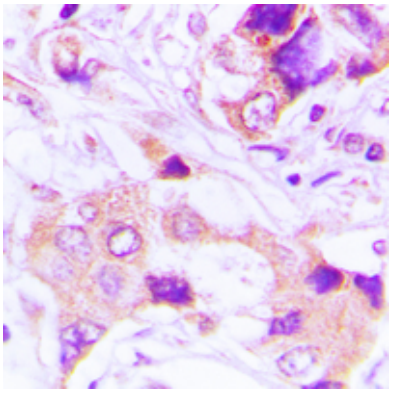
Protein Information

Name	TRAPPC3 {ECO:0000303|PubMed:19416478, ECO:0000312|HGNC:HGNC:19942}
Function	May play a role in vesicular transport from endoplasmic reticulum to Golgi.
Cellular Location	Golgi apparatus, cis-Golgi network. Endoplasmic reticulum

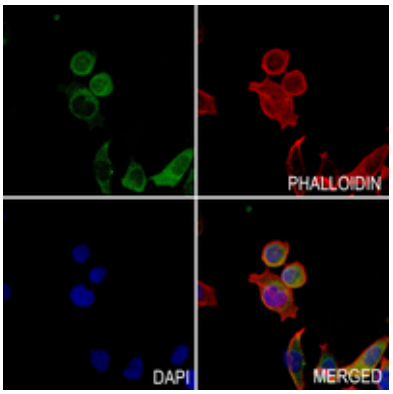
Images

Western blot analysis of TRAPPC3 expression in HEK293T (A), mouse liver (B), rat lung (C), rat liver (D) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 20; 15 kD)

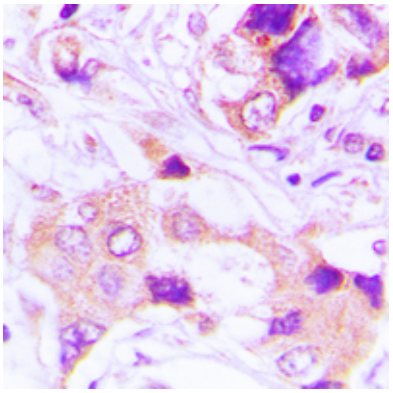




Immunohistochemical analysis of TRAPPC3 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of TRAPPC3 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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