

TRAPPC6B Rabbit pAb

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Catalog # AP56326

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86SZ2
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17983
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRAPPC6B
Epitope Specificity	51-120/159
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus, cis-Golgi network. Endoplasmic reticulum.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TRAPPC6B is a component of TRAPP complexes, which are tethering complexes involved in vesicle transport (Kummel et al., 2005 [PubMed 16025134]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	122553
Other Names	Trafficking protein particle complex subunit 6B, TRAPP complex subunit 6B, TPC6B
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	TPC6B
Function	Component of a transport protein particle (TRAPP) complex that may function in specific stages of inter-organelle traffic (PubMed: 16025134 ,

PubMed:[16828797](#)). Specifically involved in the early development of neural circuitry, likely by controlling the frequency and amplitude of intracellular calcium transients implicated in the regulation of neuron differentiation and survival (Probable).

Cellular Location

Golgi apparatus, cis-Golgi network. Endoplasmic reticulum

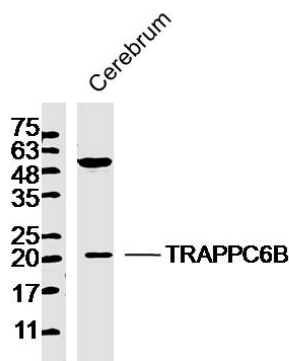
Tissue Location

Both isoforms are expressed ubiquitously (at transcript level), isoform 1 being the most predominant (PubMed:28626029). Expressed in the fetal brain and different regions of the adult brain and spinal cord (PubMed:28626029)

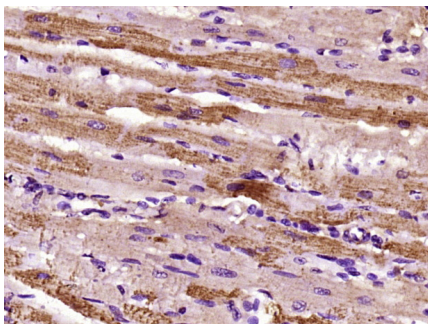
Background

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Images



Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-TRAPPC6B (AP56326) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 18 kD
Observed band size: 20 kD



Paraformaldehyde-fixed, paraffin embedded (Rat heart);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TRAPPC6B) Polyclonal Antibody, Unconjugated (AP56326) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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