

TFG Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19164c

Specification

TFG Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O92734
Other Accession	NP_006061.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43448
Antigen Region	184-212

TFG Antibody (Center) - Additional Information

Gene ID 10342

Other Names

Protein TFG, TRK-fused gene protein, TFG

Target/Specificity

This TFG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-212 amino acids from the Central region of human TFG.

Dilution

WB~~1:1000

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

TFG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TFG Antibody (Center) - Protein Information

Name TFG

Function Plays a role in the normal dynamic function of the endoplasmic reticulum (ER) and its associated microtubules (PubMed:[23479643](#), PubMed:[27813252](#)). Required for secretory cargo

traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:[21478858](#)).

Cellular Location

Endoplasmic reticulum. Note=Localizes to endoplasmic reticulum exit site (ERES), also known as transitional endoplasmic reticulum (tER) (PubMed:21478858, PubMed:27813252).

Tissue Location

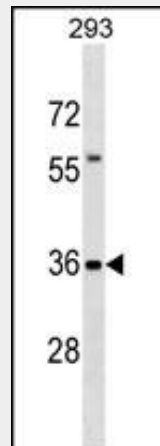
Ubiquitous.

TFG Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFG Antibody (Center) - Images



TFG Antibody (Center) (Cat. #AP19164c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TFG antibody detected the TFG protein (arrow).

TFG Antibody (Center) - Background

There are several documented fusion oncoproteins encoded partially by this gene. This gene also participates in several oncogenic rearrangements resulting in anaplastic lymphoma and mixed chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene.

TFG Antibody (Center) - References

Miranda, C., et al. J. Cell. Physiol. 208(1):154-160(2006)
Roccatò, E., et al. J. Biol. Chem. 280(5):3382-3389(2005)

Hisaoka, M., et al. Genes Chromosomes Cancer 40(4):325-328(2004)
Roccatto, E., et al. Br. J. Cancer 87(6):645-653(2002)
Hernandez, L., et al. Am. J. Pathol. 160(4):1487-1494(2002)