

### **TFG Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP19164c

#### Specification

# **TFG Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<u>Q92734</u>
Other Accession	<u>NP_006061.2</u>
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 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** 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:<u>23479643</u>, PubMed:<u>27813252</u>). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:<u>21478858</u>).

#### **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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### 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 mixoid 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)



Roccato, E., et al. J. Biol. Chem. 280(5):3382-3389(2005) Hisaoka, M., et al. Genes Chromosomes Cancer 40(4):325-328(2004) Roccato, E., et al. Br. J. Cancer 87(6):645-653(2002) Hernandez, L., et al. Am. J. Pathol. 160(4):1487-1494(2002)