

TFG Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18173c**Specification**

TFG Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O92734
Other Accession	NP_001007566.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43448
Antigen Region	85-114

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 85-114 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:[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

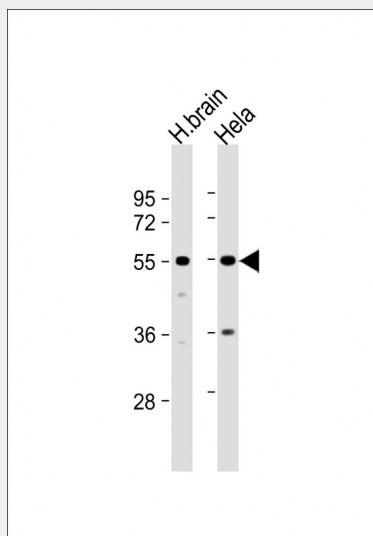
Ubiquitous.

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



All lanes : Anti-TFG Antibody (Center) at 1:1000 dilution Lane 1: human brain lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

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)
Hisaoaka, 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)