

**TFG Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19164c****Specification**

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**TFG Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q92734](#)**TFG Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 10342**Other Names**

Protein TFG, TRK-fused gene protein, TFG

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TFG Antibody (Center) Blocking Peptide - Protein Information****Name** TFG**Function**

Plays a role in the normal dynamic function of the endoplasmic reticulum (ER) and its associated microtubules (PubMed:<a href="http://www.uniprot.org/citations/23479643" target="\_blank">23479643</a>, PubMed:<a href="http://www.uniprot.org/citations/27813252" target="\_blank">27813252</a>). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:<a href="http://www.uniprot.org/citations/21478858" target="\_blank">21478858</a>).

**Cellular Location**

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

**Tissue Location**

Ubiquitous.

**TFG Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **TFG Antibody (Center) Blocking Peptide - Images**

#### **TFG Antibody (Center) Blocking Peptide - 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 myxoid chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene.

#### **TFG Antibody (Center) Blocking Peptide - 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)