

GEM Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11235b**Specification**

GEM Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P55040](#)

GEM Antibody (C-term) Blocking peptide - Additional Information

Gene ID 2669

Other Names

GTP-binding protein GEM, GTP-binding mitogen-induced T-cell protein, RAS-like protein KIR, GEM, KIR

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.

GEM Antibody (C-term) Blocking peptide - Protein Information

Name GEM

Synonyms KIR

Function

Could be a regulatory protein, possibly participating in receptor-mediated signal transduction at the plasma membrane. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity.

Cellular Location

Cell membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

Most abundant in thymus, spleen, kidney, lung, and testis. Less abundant in heart, brain, liver and skeletal muscle

GEM Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GEM Antibody (C-term) Blocking peptide - Images

GEM Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the innerface of the plasma membrane and could play a role as a regulatory protein in receptor-mediated signal transduction. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified.

GEM Antibody (C-term) Blocking peptide - References

Wang, A., et al. J. Bacteriol. 192(11):2809-2815(2010) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Splingard, A., et al. J. Biol. Chem. 282(3):1905-1915(2007) Opatowsky, Y., et al. FEBS Lett. 580(25):5959-5964(2006) Kelly, K. Trends Cell Biol. 15(12):640-643(2005)