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GEM (aa34-46) Antibody (internal region)

Peptide-affinity purified goat antibody

Catalog # AF3756a

Specification

GEM (aa34-46) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	P55040
Other Accession	NP_005252.1, 2669
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**33949**

GEM (aa34-46) Antibody (internal region) - 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
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

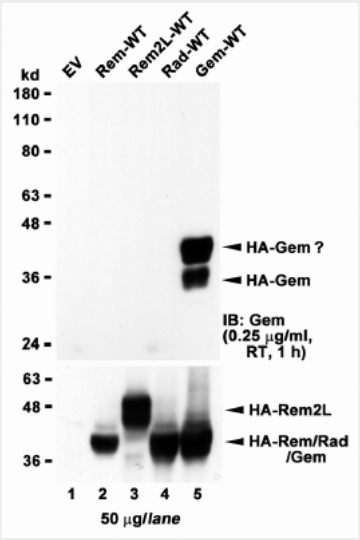
Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
GEM (aa34-46) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GEM (aa34-46) Antibody (internal region) - Protein Information

Name GEM

Synonyms KIR



HEK293 lysate overexpressing full-length Human GEM (HA tagged), mock-transfected HEK293 (EV) and HEK293 transiently expressing GEM-related genes (Rem, Rem2L and Rad) probed with AF3756a (1ug/ml). The same lysates probed with anti-HA tag antibody in the lower panel.

AF3756a (1 µg/ml) staining of Human Spleen lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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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 (aa34-46) Antibody (internal region) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GEM (aa34-46) Antibody (internal region) - Background

Reported variants represent identical protein: NP_005252.1, NP_859053.1

GEM (aa34-46) Antibody (internal region) - References

A systemic network for Chlamydia pneumoniae entry into human cells. Wang A, Johnston SC, Chou J, Dean D. J Bacteriol. 2010 Jun;192(11):2809-15. PMID: 20233927