

GEM (aa34-46) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3756a**Specification**

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

Application	WB, E
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

Dilution

WB~~1:1000

E~~N/A

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**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

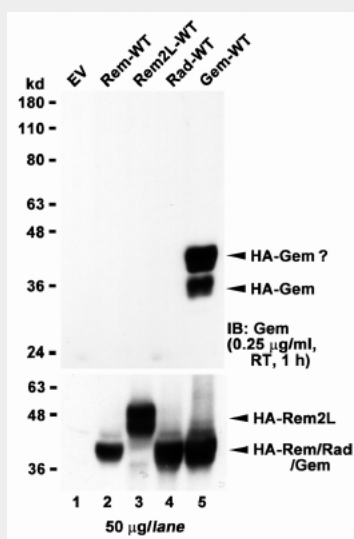
Most abundant in thymus, spleen, kidney, lung, and testis. Less abundant in heart, brain, liver and skeletal muscle

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 Cytometry](#)
- [Cell Culture](#)

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



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 (1µg/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.

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