

Goat GEM Polyclonal Antibody | anti-GEM antibody

Goat anti-GEM (aa34-46) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61694	Goat	Tested: Human; Expected from sequence similarity: Human	Western Blot, ELISA

PRODUCT SYNONYMS

GEM; Polyclonal Antibody; Goat anti-GEM (aa34-46) Antibody; Goat Anti-GEM / KIR Antibody; GTP binding protein overexpressed in skeletal muscle; KIR; MGC26294; GTP-binding mitogen-induced T-cell protein; GTP-binding protein GEM; GTP-binding protein overexpressed in skeletal muscle; OTTHUMP00000226600; OTTHUMP00000226601; RAS-like protein K; GEM antibody; GTP binding protein overexpressed in skeletal muscle antibody; GTP-binding mitogen-induced T-cell protein antibody; GTP-binding protein GEM antibody; GTP-binding protein overexpressed in skeletal muscle antibody; kinase-inducible Ras-like protein antibody; KIR antibody; MGC26294 antibody; OTTHUMP00000226600 antibody; OTTHUMP00000226601 antibody; RAS-like protein KIR antibody; GEM (aa34-46); anti-GEM antibody

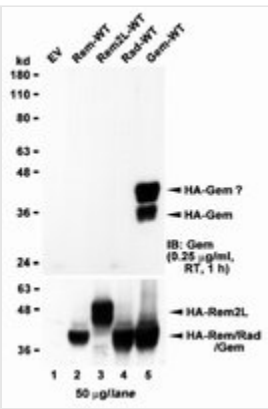
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QKEPHQYSHR NRH
Sequence Length	296
Applicable Applications for anti-GEM antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QKEPHQYSHRNRH, from the internal region of the protein sequence according to NP_005252.1.
Epitope	Internal region
Note	Reported variants represent identical protein: NP_005252.1, NP_859053.1
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
1ug/ml) staining of Human Spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
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 (1ug/ml). The same lysates probed with anti-HA tag antibody in the lower panel.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885263
NCBI GeneID	2669
NCBI Accession #	NP_005252.1
NCBI GenBank Nucleotide #	NM_005261.3
Molecular Weight	33,949 Da
NCBI Official Full Name	GTP-binding protein GEM
NCBI Official Synonym Full Names	GTP binding protein overexpressed in skeletal muscle
NCBI Official Symbol	GEM
NCBI Official Synonym Symbols	KIR
NCBI Protein Information	GTP-binding protein GEM
UniProt Protein Name	GTP-binding protein GEM
UniProt Gene Name	GEM
UniProt Synonym Gene Names	KIR
UniProt Entry Name	GEM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gem-antibody-western-blot-peptide-elisa-elisa/61694>