

Rabbit GEM Polyclonal Antibody | anti-GEM antibody

GEM antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199073	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

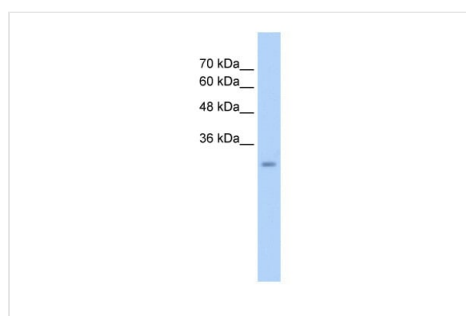
PRODUCT SYNONYMS

GEM; Polyclonal Antibody; GEM antibody - C-terminal region; anti-GEM antibody

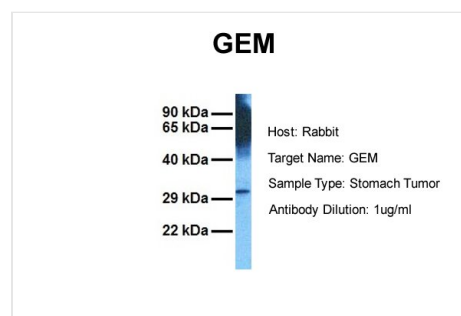
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ET SAAVQHNVKE LFEGIVRQVR LRRDSKEKNE RRLAYQKRKE SMPRKARFW
Sequence Length	296
Applicable Applications for anti-GEM antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GEM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

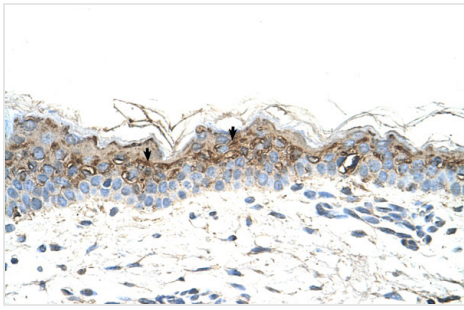
IMAGES


WB (Western Blot)

WB Suggested Anti-GEM Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate

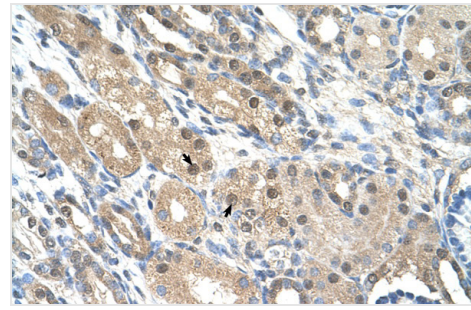

WB (Western Blot)

Host: Rabbit Target Name: GEM Sample Tissue: Human Stomach Tumor Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-GEM Antibody Paraffin Embedded Tissue: Human Skin
Cellular Data: Squamous epithelial cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-GEM Antibody Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-GEM antibody	This is a rabbit polyclonal antibody against GEM. It was validated on Western Blot and immunohistochemistry Target Description: GEM belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face of the plasma membrane and could play a role as a regulatory protein in receptor-mediated signal transduction. The protein encoded by this gene belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face 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.
Product Categories/Family for anti-GEM antibody	Polyclonal; Lymphocyte Signaling; Membrane & Traffic; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885263
NCBI GeneID	2669
NCBI Accession #	NP_005252
NCBI GenBank Nucleotide #	NM_005261
UniProt Accession #	P55040
Molecular Weight	33kDa
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

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-immunohistochemistry-elisa/199073>