

Rabbit GLMN Polyclonal Antibody | anti-GLMN antibody

Anti-GLMN Antibody Picoband

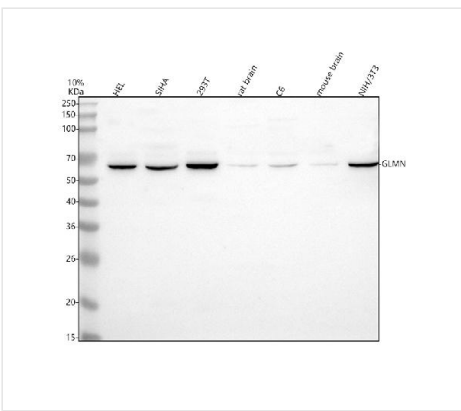
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127435	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

GLMN; Polyclonal Antibody; Anti-GLMN Antibody Picoband; anti-GLMN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-GLMN antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human GLMN recombinant protein (Position: Q153-R574). Human GLMN shares 85.4% amino acid (aa) sequence identity with mouse GLMN.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



WB (Western Blot)

Figure 1. Western blot analysis of GLMN using anti-GLMN antibody (AA127435). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 μ g of sample under reducing conditions. Lane 1: human HEL whole cell lysates, Lane 2: human SiHa whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: rat brain tissue lysates, Lane 5: rat C6 whole cell lysates, Lane 6: mouse brain tissue lysates, Lane 7: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-GLMN antigen affinity purified polyclonal antibody (#AA127435) at 0.5 μ g/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for GLMN at approximately 68 kDa. The expected band size for GLMN is at 68 kDa.

Related Product Information for anti-GLMN antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-GLMN antibody	Primary Antibodies
References	1. Arai, T., Kasper, J. S., Skaar, J. R., Ali, S. H., Takahashi, C., DeCaprio, J. A. Targeted disruption of p185/Cul7 gene results in abnormal vascular morphogenesis. Proc. Nat. Acad. Sci. 100: 9855-9860, 2003. 2. Brouillard, P., Boon, L. M., Mulliken, J. B., Enjolras, O., Ghassibe, M., Warman, M. L., Tan, O. T., Olsen, B. R., Vikkula, M. Mutations in a novel factor, glomulin, are responsible for glomuvenous malformations ('glomangiomas'). Am. J. Hum. Genet. 70: 866-874, 2002.3. Brouillard, P., Olsen, B. R., Vikkula, M. High-resolution physical and transcript map of the locus for venous malformations with glomus cells (VMGLOM) on chromosome 1p21-p22. Genomics 67: 96-101, 2000.

NCBI GI #	16933537
NCBI GeneID	11146
NCBI Accession #	NP_444504.1
NCBI GenBank Nucleotide #	NM_053274.2
UniProt Accession #	Q92990; Q5VVC3; Q9BVE8
Molecular Weight	68,208 Da
NCBI Official Full Name	glomulin

NCBI Official Synonym Full Names	glomulin, FKBP associated protein
NCBI Official Symbol	GLMN
NCBI Official Synonym Symbols	FAP; GVM; GLML; FAP48; FAP68; FKBPAP; VMGLOM
NCBI Protein Information	glomulin; OTTHUMP00000011939; OTTHUMP00000011940; FKBP-associated protein; FK506-binding protein-associated protein
UniProt Protein Name	Glomulin
UniProt Gene Name	GLMN
UniProt Synonym Gene Names	FAP48; FAP68; VMGLOM
UniProt Entry Name	GLMN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/glmn-antibody-flow-cytometry-western-blot-elisa/127435>