

GLMN Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12047b**Specification**

GLMN Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q92990](#)**GLMN Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 11146**Other Names**

Glomulin, FK506-binding protein-associated protein, FAP, FKBP-associated protein, GLMN, FAP48, FAP68, VMGLOM

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GLMN Antibody (C-term) Blocking peptide - Protein Information**Name** GLMN**Function**

[Isoform 1]: Regulatory component of cullin-RING-based SCF (SKP1-Cullin-F-box protein) E3 ubiquitin-protein ligase complexes (PubMed:22405651, PubMed:22748924). Inhibits E3 ubiquitin ligase activity by binding to RBX1 (via RING domain) and inhibiting its interaction with the E2 ubiquitin-conjugating enzyme CDC34 (PubMed:22405651, PubMed:22748924). Inhibits RBX1-mediated neddylation of CUL1 (PubMed:22405651). Required for normal stability and normal cellular levels of key components of SCF ubiquitin ligase complexes, including FBXW7, RBX1, CUL1, CUL2, CUL3, CUL4A, and thereby contributes to the regulation of CCNE1 and MYC levels (By similarity). Essential for normal development of the vasculature (PubMed:11845407). Contributes to the regulation of RPS6KB1 phosphorylation (PubMed:11571281).

Tissue Location

Ubiquitous..

GLMN Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GLMN Antibody (C-term) Blocking peptide - Images

GLMN Antibody (C-term) Blocking peptide - Background

This gene encodes a phosphorylated protein that is a member of a Skp1-Cullin-F-box-like complex. The protein is essential for normal development of the vasculature and mutations in this gene have been associated with glomerular malformations, also called glomangiomas. Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only one has been determined. [provided by RefSeq].

GLMN Antibody (C-term) Blocking peptide - References

Arai, T., et al. Proc. Natl. Acad. Sci. U.S.A. 100(17):9855-9860(2003) Brouillard, P., et al. Clin. Genet. 63(5):340-351(2003) Krummrei, U., et al. Proc. Natl. Acad. Sci. U.S.A. 100(5):2444-2449(2003) Brouillard, P., et al. Am. J. Hum. Genet. 70(4):866-874(2002) Grisendi, S., et al. J. Biol. Chem. 276(49):46632-46638(2001)