

## Anti-GLMN Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Horse)
Molecular Weight:	Theoretical: 68 kDa. Actual: 65 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Sample: MCF-7 Cell (Human) Lysate at 30 µg Primary: Anti-GLMN (TMAB-06512) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD
	2. Sample: U937 (Human) Cell Lysate at 30 µg Siha (Human) Cell Lysate at 30 µg Primary: Anti-GLMN (TMAB-06512) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 65 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GLMN/FK506 binding protein associated protein
Antigen Species:	Human
Gene ID:	11146
Uniprot ID:	Q92990

## Research Background

GLMN is 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 glomovenous 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. GLMN may represent a naturally occurring ligand of the immunophilins FKBP59 and FKBP12 and may function as an membrane anchoring protein. Isoform 1 may stimulate the p70S6K pathway. Isoform 2 may inhibit cell proliferation and increase IL2 production.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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