

## Anti-GPKOW Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: A431 (Human) Cell Lysate at 30 µg Primary: Anti-GPKOW (TMAB-06671) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 52 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 GPKOW
Antigen Species:	Human
Gene ID:	27238
Uniprot ID:	Q92917

## Research Background

GPKOW is a potential RNA-binding protein consisting of one central G patch domain and two C-terminal KOW domains. T54 is a 476 amino acid protein belonging to the MOS2 family. It is a mammalian homolog of the Arabidopsis thaliana MOS2 (modifier of SNC1, 2) nuclear protein that is required for innate immunity. Similar to A. thaliana MOS2, T54 localizes to the nucleus and contains G patch and KOW domains, suggesting that T54 may play a similar role in mammalian innate immunity.

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

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