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# Product datasheet for AP51911PU-N

## GPKOW (Center) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | **ELISA:** 1/1000.<br>**Western Blot:** 1/100 - 1/500. |
| **Reactivity:** | Human |
| **Host:** | Rabbit |
| **Isotype:** | Ig |
| **Clonality:** | Polyclonal |
| **Immunogen:** | KLH conjugated synthetic peptide between 308-338 amino acids from the Central region of human GPKOW |
| **Specificity:** | This antibody reacts to GPKOW. |
| **Formulation:** | PBS<br>State: Aff - Purified<br>State: Liquid purified Ig fraction<br>Preservative: 0.09% (W/V) sodium azide |
| **Concentration:** | lot specific |
| **Purification:** | Affinity chromatography on Protein A |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 52229 Da |
| **Gene Name:** | G-patch domain and KOW motifs |
| **Database Link:** | Entrez Gene 27238 Human<br>Q92917 |

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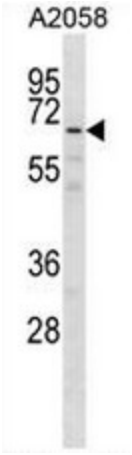
**Background:** T54, also known as GPKOW (G patch domain and KOW motifs), GPATC5 or GPATCH5 (G patch domain-containing protein 5), is a potential RNA-binding protein consisting of one central G patch domain and two C-terminal KOW domains. T54 is a 476 amino acid protein belonging to the MOS2 family. 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.

**Synonyms:** GPATC5, T54, G patch domain-containing protein 5, Protein MOS2 homolog

## Product images:




GPKOW Antibody (Center) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the GPKOW antibody detected the GPKOW protein (arrow).