



Rabbit Anti-GPKOW antibody

SL8577R

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| Product Name: | GPKOW |
| Chinese Name: | G蛋白修补结构域蛋白5抗体 |
| Alias: | G patch domain and KOW motifs; G patch domain and KOW motifs containing protein; G patch domain and KOW motifs-containing protein; G patch domain containing 5; G patch domain containing protein 5; G patch domain-containing protein 5; GPATC5; GPATCH5; gpkow; GPKOW_HUMAN; Protein MOS2 homolog; Protein T54; SPP2; T54 antibody T54 protein. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 52kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human GPKOW:121-220/476 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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.

Subunit:

Interacts with PRKX.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the MOS2 family.

Contains 1 G-patch domain.

Contains 2 KOW domains.

SWISS:

Q92917

Gene ID:

27238

Database links:

[Entrez Gene: 102116765](#)Cynomolgus monkey

[Entrez Gene: 101127648](#)Gorilla

[Entrez Gene: 27238](#)Human

[Entrez Gene: 100461351](#)Orangutan

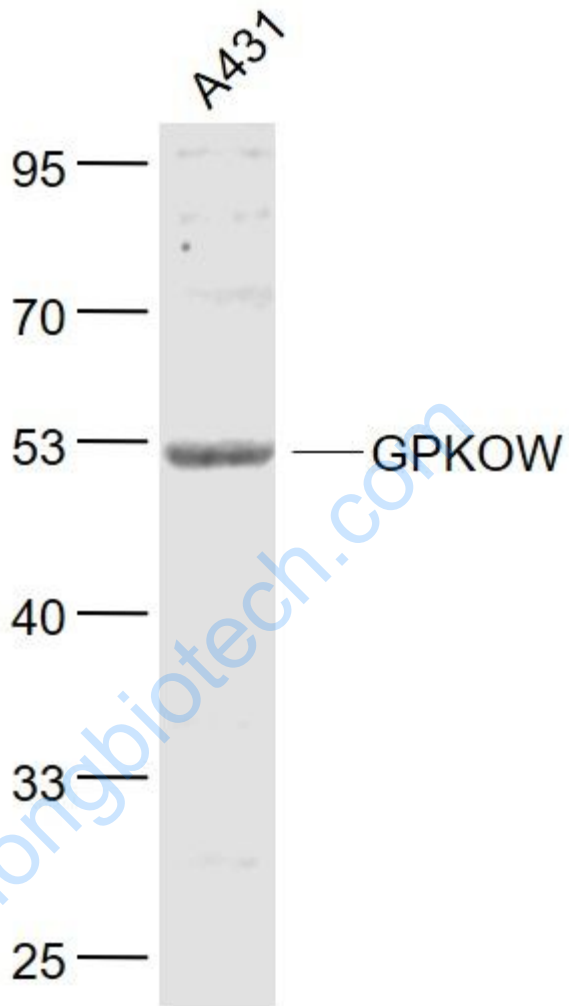
[SwissProt: Q92917](#)Human

[Unigene: 503666](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

A431(Human) Cell Lysate at 30 ug

Primary: Anti- GPKOW (SL8577R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 52 kD

Observed band size: 52 kD