

# RPS2 polyclonal antibody (A01)

Catalog # H00006187-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (36.67 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant RPS2.
<b>Immunogen</b>	RPS2 (NP_002943, 198 a.a. ~ 293 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	APRGTGMSAPVPPKLLMMAGIDDCYTSARGCTATLGNFAKATFDAISKTYSLTPDLWKETVFTK SPYQEFTDHLVKTHTRVSVQRTQAPAVATT
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.67 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — RPS2

Entrez GeneID [6187](#)

GeneBank Accession# [NM\\_002952](#)

Protein Accession# [NP\\_002943](#)

Gene Name RPS2

Gene Alias LLREP3, MGC102851, MGC117344, MGC117345

Gene Description ribosomal protein S2

Omim ID [603624](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40 S subunit. The protein belongs to the S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nuclear RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

**Other Designations** 40S ribosomal protein S2|OK/KNS-cl.6

## Publication Reference

- [Differential expression of novel tyrosine kinase substrates during breast cancer development.](#)

Chen Y, Choong LY, Lin Q, Philp R, Wong CH, Ang BK, Tan YL, Loh MC, Hew CL, Shah N, Druker BJ, Chong PK, Lim YP. Molecular & Cellular Proteomics 2007 Sep; 6(12):2072.

Application: IP-WB, Human, HEK 293T cells

## Pathway

- [Ribosome](#)