



## Rabbit Anti-GMPR2 antibody

SL13463R

<b>Product Name:</b>	GMPR2
<b>Chinese Name:</b>	鸟苷酸还原酶2抗体
<b>Alias:</b>	1810008P16Rik; 5730544D12Rik; AA959850; GMP reductase 2; GMPR2; GMPR2_HUMAN; Guanosine monophosphate reductase 2; MGC108877; MGC15084; Guanosine 5'-monophosphate oxidoreductase 2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	38kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human GMPR2:1-100/348
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides. Plays a role in modulating cellular differentiation.

**Tissue Specificity:**

Highly expressed in heart, skeletal muscle, kidney, brain, liver, prostate, spleen, placenta, testis and ovary. Low expression in colon, thymus and peripheral blood leukocytes.

**Similarity:**

Belongs to the IMPDH/GMPR family.

**SWISS:**

Q9P2T1

**Gene ID:**

51292

**Database links:**

[Entrez Gene: 745051](#) Chimpanzee

[Entrez Gene: 100758075](#) Chinese Hamster

[Entrez Gene: 515837](#) Cow

[Entrez Gene: 51292](#) Human

[Entrez Gene: 100411447](#) Marmoset (common)

[Entrez Gene: 105446](#) Mouse

[Entrez Gene: 192357](#) Rat

[Entrez Gene: 715719](#) Rhesus monkey

[Omin: 610781](#) Human

[SwissProt: Q32L93](#) Cow

[SwissProt: Q9P2T1](#) Human

[SwissProt: Q99L27](#) Mouse

[Unigene: 368855](#) Human

[Unigene: 390685](#) Mouse

[Unigene: 486705](#) Mouse

**Important Note:**

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

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)