



Rabbit Anti-UGP2 antibody

SL4043R

Product Name:	UGP2
Chinese Name:	尿苷酰二磷酸葡萄糖焦磷化酶2抗体
Alias:	UDP glucose diphosphorylase; UDP glucose pyrophosphorylase 2; UDP glucose pyrophosphorylase; UDPG; UDPGP 2; UDPGP; UDPGP2; UGP 1; UGP 2; UGP1; UGPase 2; UGPase; UGPP 2; UGPP2; Uridyl diphosphate glucose pyrophosphorylase 2; UTP glucose 1 phosphate uridylyltransferase; UTP glucose 1 phosphate uridylyltransferase 2; pHC379; UGPA HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	56kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human UGP2:401-508/508
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:	UGP2 (UDP glucose pyrophosphorylase 2) is an important intermediary in cellular metabolic pathways. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP glucose and MgPPi.

Function:

Plays a central role as a glucosyl donor in cellular metabolic pathways.

Subunit:

Homooctamer.

Subcellular Location:

Cytoplasm.

Similarity:

Belongs to the UDPGP type 1 family.

SWISS:

Q16851

Gene ID:

7360

Database links:

[Entrez Gene: 7360](#)Human

[Entrez Gene: 216558](#)Mouse

[Entrez Gene: 397040](#)Pig

[Entrez Gene: 289827](#)Rat

[Oimim: 191760](#)Human

[SwissProt: Q16851](#)Human

[SwissProt: Q91ZJ5](#)Mouse

[SwissProt: P79303](#)Pig

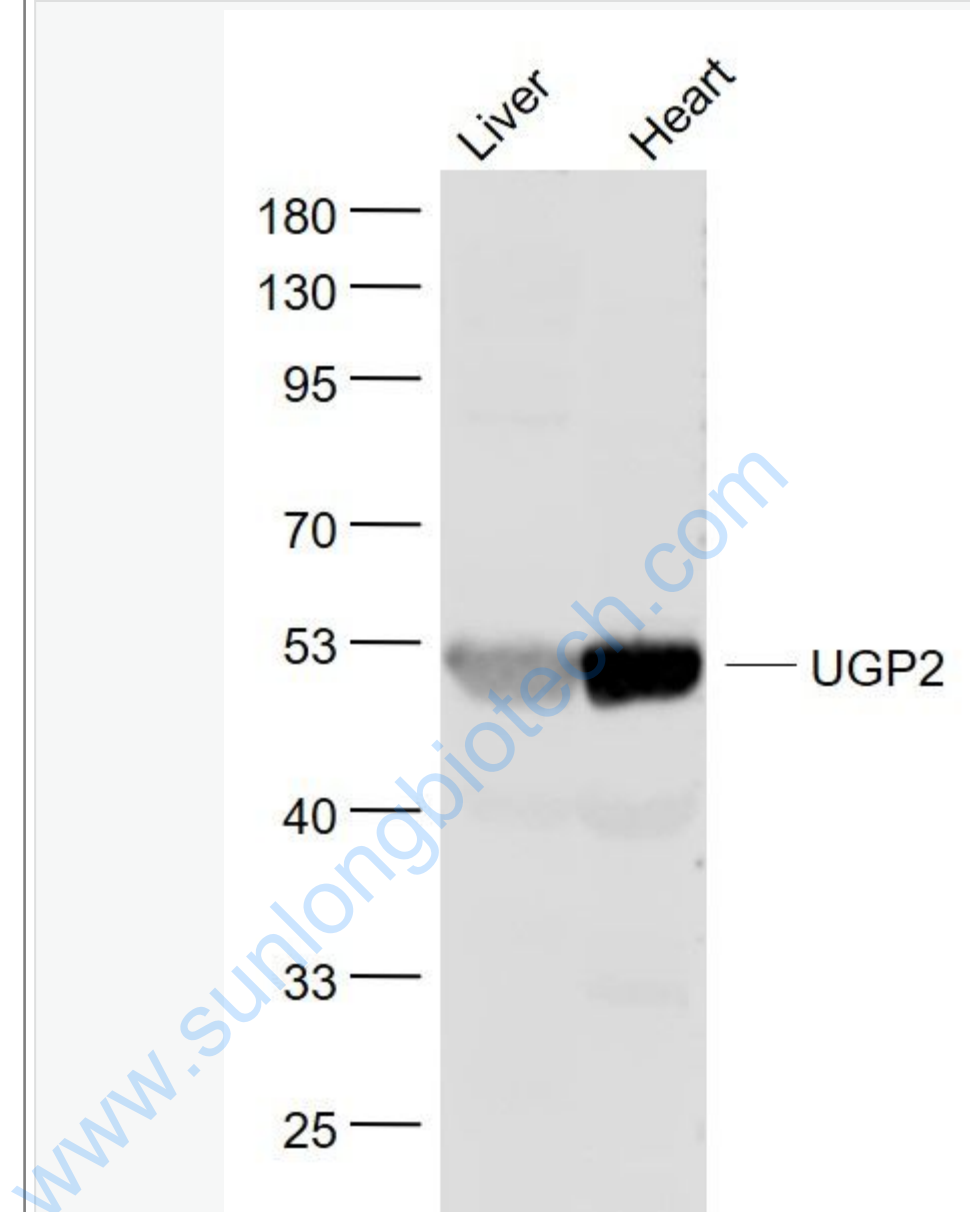
[Unigene: 516217](#)Human

[Unigene: 28877](#)Mouse

Important Note:

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

Picture:



Sample:

Liver (Mouse) Lysate at 40 ug

Heart (Mouse) Lysate at 40 ug

Primary: Anti- UGP2 (SL4043R) at 1/1000 dilution

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

Predicted band size: 56 kD

	Observed band size: 52 kD
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