

GLS2 Rabbit pAb

CatalogNo: YN8785

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 66kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human GLS2

Specificity

This antibody detects endogenous levels of GLS2 at Human, Mouse, Rat

| Target Information

Gene name

GLS2 GA

Protein Name	Glutaminase liver isoform, mitochondrial (GLS) (L-glutaminase) (L-glutamine amidohydrolase)		
	Organism	Gene ID	UniProt ID
	Human	27165 ;	Q9UI32 ;
	Mouse	216456 ;	Q571F8 ;
	Rat	192268 ;	P28492 ;
Cellular Localization	Mitochondrion .		
Tissue specificity	Highly expressed in liver. Expressed in brain and pancreas. Not observed in heart, placenta, lung, skeletal muscle and kidney. Expression is significantly reduced in hepatocellular carcinomas.		
Function	Plays an important role in the regulation of glutamine catabolism. Promotes mitochondrial respiration and increases ATP generation in cells by catalyzing the synthesis of glutamate and alpha-ketoglutarate. Increases cellular anti-oxidant function via NADH and glutathione production. May play a role in preventing tumor proliferation.		

| Validation Data

| Contact information

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GLS2 Rabbit pAb

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