

GLDC Rabbit pAb

CatalogNo: YN6807

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 112kD (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 GLDC

Specificity This antibody detects endogenous levels of GLDC at Human, Mouse

Target Information

Gene name GLDC GCSP

Protein Name	Glycine dehydrogenase [decarboxylating], mitochondrial (Glycine cleavage system P protein) (Glycine decarboxylase)		
	Organism	Gene ID	UniProt ID
	Human	2731 ;	P23378 ;
	Mouse	104174 ;	Q91W43 ;
Cellular Localization	Mitochondrion .		
Function	The glycine cleavage system catalyzes the degradation of glycine. The P protein (GLDC) binds the alpha-amino group of glycine through its pyridoxal phosphate cofactor; CO(2) is released and the remaining methylamine moiety is then transferred to the lipoamide cofactor of the H protein (GCSH).		

| Validation Data

| Contact information

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