

PHKA2 polyclonal antibody (A01)

Catalog # H00005256-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PHKA2.
Immunogen	PHKA2 (NP_000283, 428 a.a. ~ 521 a.a) partial recombinant protein with GST tag.
Sequence	RRFSTSVKPDVVVQVTVLAENNHKDLLRKHGVNVQSIADIHPIQVQPGRILSHIYAKLGRNKNMNL SGRPYRHIGVLGTSKLYVIRNQIFTFT
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PHKA2

Entrez GeneID	5256
GeneBank Accession#	NM_000292
Protein Accession#	NP_000283
Gene Name	PHKA2
Gene Alias	GSD9A, MGC133071, PHK, PYK, PYKL, XLG, XLG2

Gene Description	phosphorylase kinase, alpha 2 (liver)
Omim ID	306000
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000023007 Phosphorylase kinase deficiency, liver (glycogen storage disease dJ499B10.2 (phosphorylase kinase, alpha 2 (liver) (PYK)) phosphorylase kinase alpha-subunit phosphorylase kinase, alpha 2 (liver), glycogen storage disease IX

Publication Reference

- [Somatostatin receptor subtype-2-deficient mice with diet-induced obesity have hyperglycemia, nonfasting hyperglucagonemia, and decreased hepatic glycogen deposition.](#)

Singh V, Grotzinger C, Nowak KW, Zacharias S, Goncz E, Pless G, Sauer IM, Eichhorn I, Pfeiffer-Guglielmi B, Hamprecht B, Wiedenmann B, Plockinger U, Strowski MZ.

Endocrinology 2007 May; 148(8):3887.

Application: WB, Mouse, Mouse liver

Pathway

- [Calcium signaling pathway](#)
- [Insulin signaling pathway](#)