

GLYCTK Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17124a**Specification**

GLYCTK Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8IVS8
Other Accession	NP_001138423.1 , NP_660305.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55253
Antigen Region	107-135

GLYCTK Antibody (N-term) - Additional Information**Gene ID** 132158**Other Names**

Glycerate kinase, HBeAg-binding protein 4, GLYCTK, HBEBP4

Target/Specificity

This GLYCTK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-135 amino acids from the N-terminal region of human GLYCTK.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GLYCTK Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GLYCTK Antibody (N-term) - Protein Information**Name** GLYCTK**Synonyms** HBEBP4

Cellular Location

[Isoform 1]: Cytoplasm

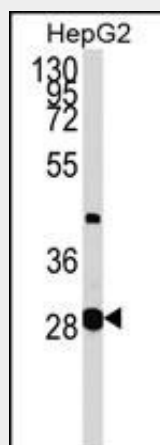
Tissue Location

Widely expressed..

GLYCTK Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GLYCTK Antibody (N-term) - Images

GLYCTK Antibody (N-term) (Cat. #AP17124a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the GLYCTK antibody detected the GLYCTK protein (arrow).

GLYCTK Antibody (N-term) - Background

This locus encodes a member of the glycerate kinase type-2 family. The encoded enzyme catalyzes the phosphorylation of (R)-glycerate and may be involved in serine degradation and fructose metabolism. Decreased activity of the encoded enzyme may be associated with the disease D-glyceric aciduria. Alternatively spliced transcript variants have been described. [provided by RefSeq].

GLYCTK Antibody (N-term) - References

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)
Guo, J.H., et al. DNA Seq. 17(1):1-7(2006)
Fontaine, M., et al. Clin. Chem. 35(10):2148-2151(1989)
Van Schaftingen, E. FEBS Lett. 243(2):127-131(1989)