

Datasheet for ABIN1693068

**anti-GLYCTK antibody (AA 251-350) (AbBy Fluor® 350)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	GLYCTK
Binding Specificity:	AA 251-350
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLYCTK antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HBEBP2/GLYCTK
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

## Target Details

Target:	GLYCTK
Alternative Name:	HBEBP2/GLYCTK ( <a href="#">GLYCTK Products</a> )

## Target Details

Background:	<p>Synonyms: CG9886 like, GLCTK_HUMAN, Glycerate kinase, Glyctk, GLYCTK1, HBeAg binding protein 2, HBeAg binding protein 4, HBeAg-binding protein 4, HBeAgBP4A, HBEBP2, HBEBP4.</p> <p>Background: GLYCTK is a 523 amino acid protein that is expressed as seven isoforms which are present throughout the body. Localized to the cytoplasm and the mitochondrion in an isoform-specific manner, GLYCTK functions to catalyze the ATP-dependent conversion of (R)-glycerate to 3-(R)-glycerate, thereby playing an important role in neural and skeletal muscle systems. Defects in the gene encoding GLYCTK are the cause of D-glyceric acidemia, an inborn error of amino acid metabolism that is best described as nonketotic hyperglycinemia and is characterized by the excretion of D-glyceric acid in the urine.</p>
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Gene ID:	132158
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## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months