

Datasheet for ABIN2792866

**anti-Glycerol Kinase antibody (C-Term)**[Go to Product page](#)

## Overview

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Quantity:            | 400 µL                                            |
| Target:              | Glycerol Kinase (GK)                              |
| Binding Specificity: | AA 487-515, C-Term                                |
| Reactivity:          | Human                                             |
| Host:                | Rabbit                                            |
| Clonality:           | Polyclonal                                        |
| Conjugate:           | This Glycerol Kinase antibody is un-conjugated    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|            |                                                                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:   | Rabbit Anti-Human Glycerol kinase (GPK2) (C-term) Antibody                                                                                                                                               |
| Immunogen: | This Glycerol kinase (GPK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 487-515 amino acids from the C-terminal region of human Glycerol kinase (GPK2). |
| Isotype:   | Ig Fraction                                                                                                                                                                                              |

## Target Details

|                   |                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Glycerol Kinase (GK)                                                                                                                                                                              |
| Alternative Name: | Glycerol Kinase ( <a href="#">GK Products</a> )                                                                                                                                                   |
| Background:       | Target Description: The human glycerol kinase gene family consists of at least 3 expressed loci. The GK1 locus on Xp21.3 is the site of mutations (deletions) causing glycerol kinase deficiency. |

## Target Details

It comprises 19 exons and is probably ancestral to several other genes which, because they are intronless, are suspected of having arisen by reverse transcriptase mediated events. These include 2 genes on chromosome 4. They are expressed as a single mRNA species in testis where expression is at a high level.

Gene Symbol: GK2

Molecular Weight: 60594 Da

Gene ID: 2712

UniProt: [Q14410](#)

## Application Details

Application Notes: Western Blot, Immunohistochemistry

Recommended Dilutions

WB: 1:1000, IHC: 1:50-100The anti-GKP2 Pab is used in Western blot to detect GKP2 in Jurkat tissue lysateFormalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C,-20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)