

## Product datasheet for **TA369146**

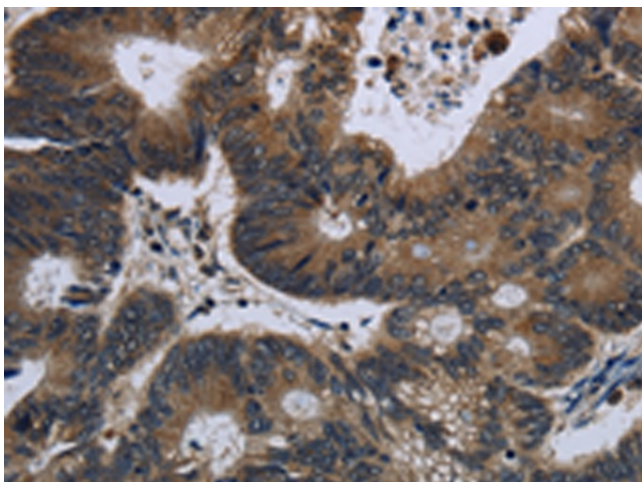
### Glycerol kinase (GK) Rabbit Polyclonal Antibody

#### Product data:

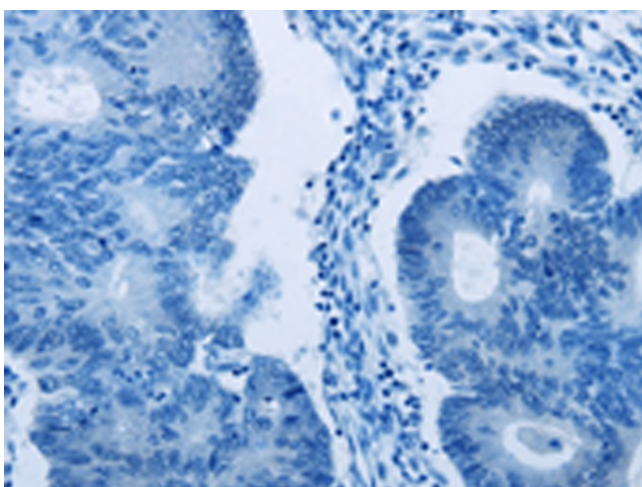
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GK
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	glycerol kinase
Database Link:	<a href="#">Entrez Gene 2710 Human P32189</a>
Background:	The protein encoded by this gene belongs to the FGGY kinase family. This protein is a key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. Mutations in this gene are associated with glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Synonyms:	GK1; GKD; glycerokinase



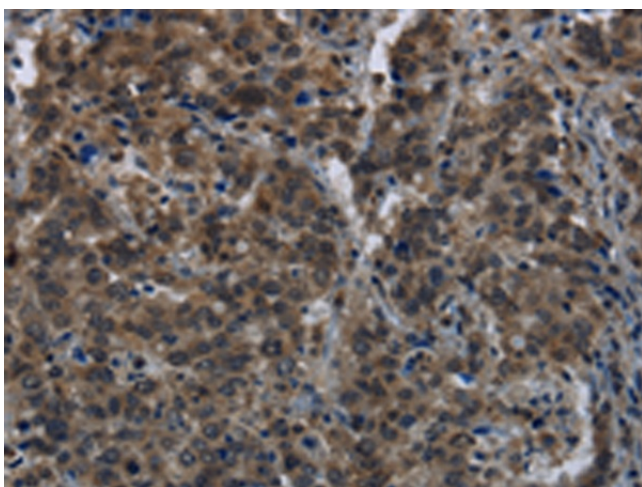
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**Product images:**

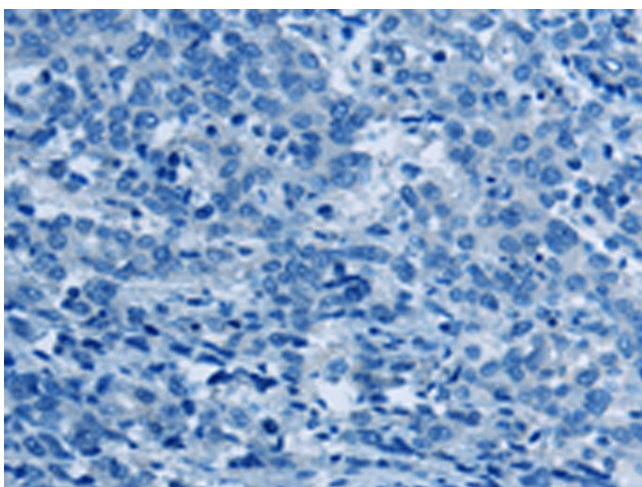
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA369146 (GK Antibody) at dilution 1/60 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA369146 (GK Antibody) at dilution 1/60, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369146 (GK Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369146 (GK Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)