Product datasheet for TA369146S

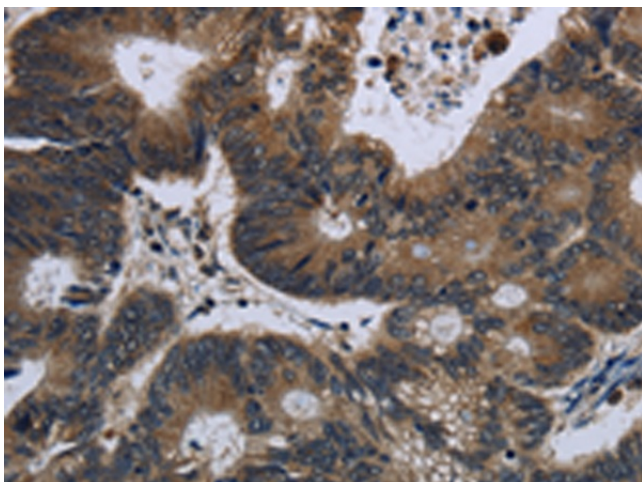## Glycerol kinase (GK) Rabbit Polyclonal Antibody

Product data:
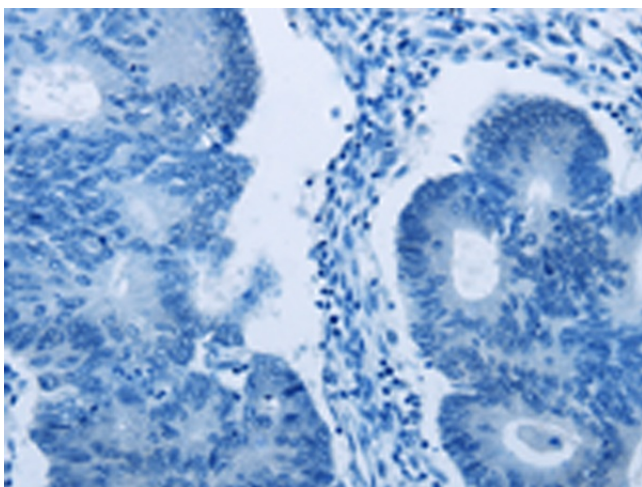
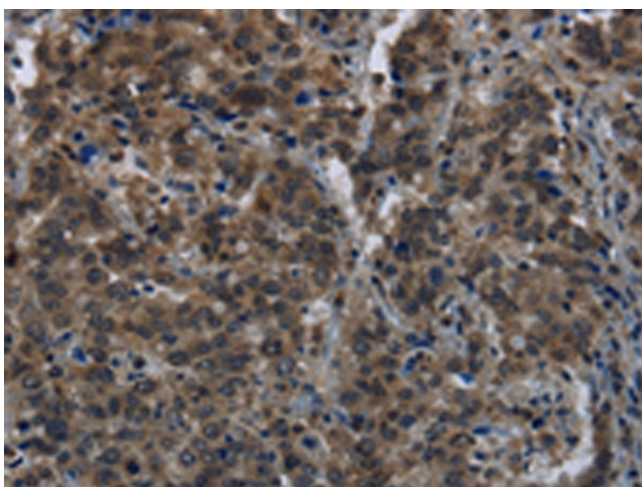|	
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GK
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	glycerol kinase
Database Link:	Entrez Gene 2710 Human P32189
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

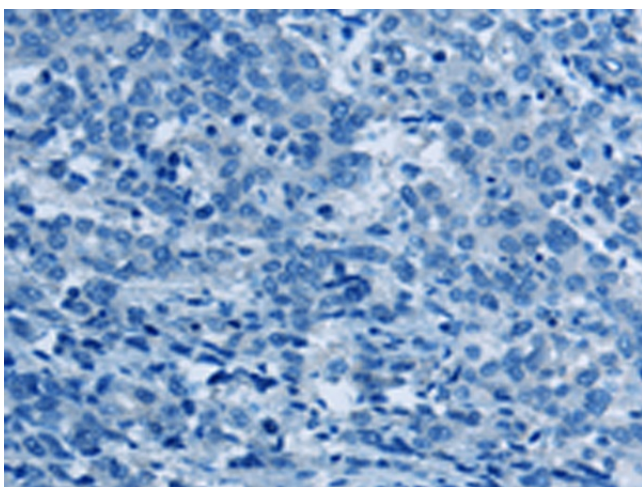View online »

Product images:

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

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