

# UGDH Rabbit Polyclonal Antibody



CAB13559

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

### Calculated MW:

44kDa/47kDa/55kDa

### Applications:

IHC

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene converts UDP-glucose to UDP-glucuronate and thereby participates in the biosynthesis of glycosaminoglycans such as hyaluronan, chondroitin sulfate, and heparan sulfate. These glycosylated compounds are common components of the extracellular matrix and likely play roles in signal transduction, cell migration, and cancer growth and metastasis. The expression of this gene is up-regulated by transforming growth factor beta and down-regulated by hypoxia. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

7358

### Uniprot

O60701

### Synonyms:

UGDH; GDH; UDP-GlcDH; UDPGDH; UGD

## Antibody Information

### Recommended dilutions:

IHC 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

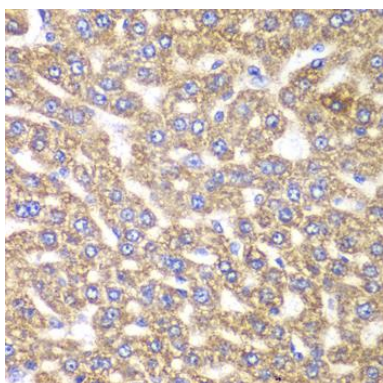
Recombinant fusion protein containing a sequence corresponding to amino acids 165-494 of human UGDH (NP\_003350.1).

### Storage:

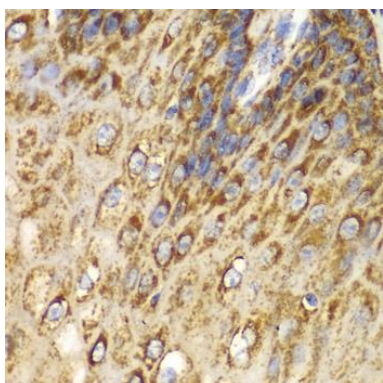
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

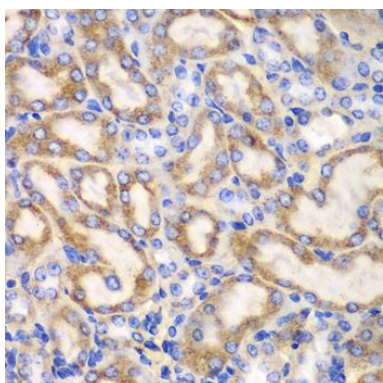
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Immunohistochemistry of paraffin-embedded rat liver using UGDH antibody (CAB13559) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using UGDH antibody (CAB13559) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using UGDH antibody (CAB13559) at dilution of 1:100 (40x lens).