

A13559

Leader in Biomolecular Solutions for Life Science



## UGDH Rabbit pAb

Catalog No.: A13559

### Basic Information

#### Observed MW

**Calculated MW**  
55kDa

**Category**  
Polyclonal Antibody

**Applications**  
IHC-P, ELISA

**Cross-Reactivity**  
Human, Mouse, Rat

### 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.

### Recommended Dilutions

IHC-P 1:50 - 1:200

### Immunogen Information

<b>Gene ID</b> 7358	<b>Swiss Prot</b> O60701
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#### Immunogen

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

#### Synonyms

GDH; UGD; DEE84; EIEE84; UDPGDH; UDP-GlcDH; UGDH

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

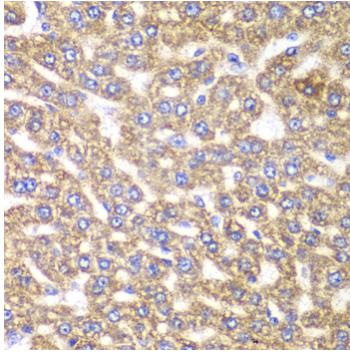
<b>Source</b> Rabbit	<b>Isotype</b> IgG	<b>Purification</b> Affinity purification
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#### Storage

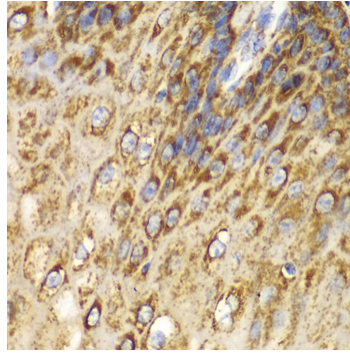
Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

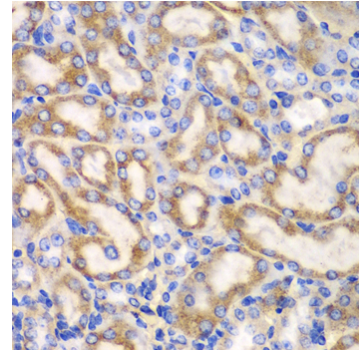
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Immunohistochemistry analysis of paraffin-embedded rat liver using UGDH antibody (A13559) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophagus using UGDH antibody (A13559) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using UGDH antibody (A13559) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.