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UGDH Rabbit pAb

Catalog No.: A13559

Basic Information

Observed MW

Calculated MW
55kDa

Category
Primary antibody

Applications
ELISA,IHC-P

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

Gene ID
7358

Swiss Prot
O60701

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

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Product Information

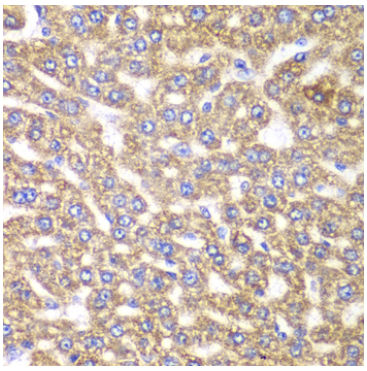
Source
Rabbit

Isotype
IgG

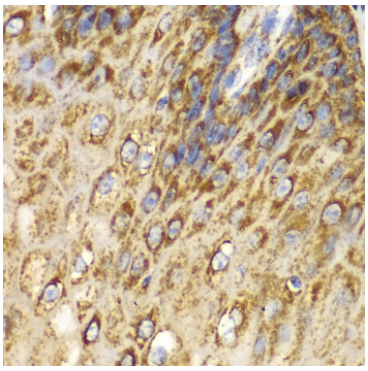
Purification
Affinity purification

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

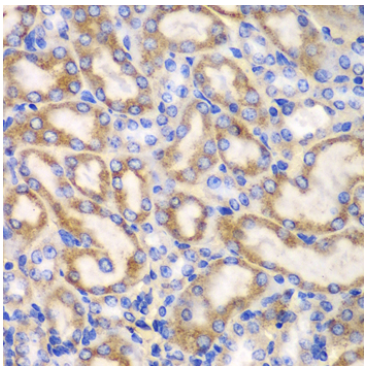
Validation Data



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.