

UGDH Rabbit pAb

Catalog No.: A1210

Basic Information

Observed MW

56kDa

Calculated MW

44kDa/47kDa/55kDa

Category

Primary antibody

Applications

WB

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

WB 1:500 - 1:2000

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

UGDH;GDH;UDP-GlcDH;UDPGDH;UGD

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

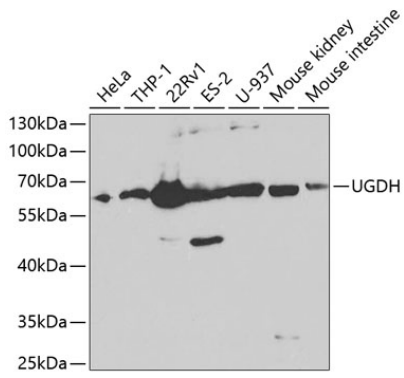
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using UGDH Antibody (A1210) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.