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Datasheet for ABIN656544 anti-UGDH antibody (C-Term)

2 Images



Overview

Quantity:	400 µL
Target:	UGDH
Binding Specificity:	AA 465-494, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This UGDH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 465-494 amino acids from the C-terminal region of human UGDH.
Clone:	RB32083
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

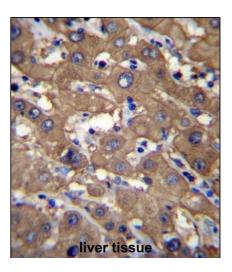
Target Details

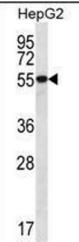
Target:	UGDH
Alternative Name:	UGDH (UGDH Products)

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Target Details	
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.
Molecular Weight:	55024
Gene ID:	7358
NCBI Accession:	NP_001171629, NP_001171630, NP_003350
UniProt:	060701
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	UGDH Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. UGDH Antibody (C-term) (ABIN656544 and ABIN2845808) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UGDH Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. UGDH Antibody (C-term) (ABIN656544 and ABIN2845808) western blot analysis in HepG2 cell line lysates ($35 \mu g$ /lane).This demonstrates the UGDH antibody detected the UGDH protein (arrow).

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