

Datasheet for ABIN6149893
anti-UGDH antibody (AA 165-494)



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Overview

Quantity:	100 µL
Target:	UGDH
Binding Specificity:	AA 165-494
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGDH antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 165-494 of human UGDH (NP_003350.1).
Sequence:	EGTAIKDLKN PDRVLIIGGDE TPEGQRAVQA LCAVYEHWVP REKILTTNTW SSELSKLAAN AFLAQRISII NSISALCEAT GADVEEVATA IGMDQRIGNK FLKASVGFEGG SCFQKDVNLN VYLCEALNLP EVARYWQQVI DMNDYQRRRF ASRIIDSLFN TVTDKKIAIL GFAFKKDTGD TRESSSIYIS KYLMDEGAHL HIYDPKVPRE QIVVDLSHPG VSEDDQVSRL VTISKDPYEA CDGAHAVVIC TEWDMFKELD YERIHKKMLK PAFIFDGRRV LDGLHNELQT IGFQIETIGK KVSSKRIPYA PSGEIPKFSL QDPPNKKPKV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	UGDH
Alternative Name:	UGDH (UGDH Products)
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.,UGDH,GDH,UDP-GlcDH,UDPGDH,UGD,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Amino acid metabolism,UGDH
Molecular Weight:	44 kDa/47 kDa/55 kDa
Gene ID:	7358
UniProt:	O60701
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

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