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Datasheet for ABIN3021733  
**anti-UGDH antibody (AA 165-494)**

4 Images

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:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 165-494 of human UGDH (NP_003350.1).
Sequence:	EGTAIKDLKN PDRVLIGGDE TPEGQRAVQA LCAVYEHWVP REKILTTNTW SSELSKLAAN AFLAQRISSE NSISALCEAT GADVEEVATA IGMDQRIGNK FLKASVGFSG SCFQKDVNLN VYLCEALNLP EVARYWQQVI DMNDYQRRRF ASRIIDSLFN TVTDKIIAIL GFQFKDGTGD 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

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Target:	UGDH
Alternative Name:	UGDH ( <a href="#">UGDH Products</a> )
Background:	<p>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 &amp; Developmental Biology,Endocrine &amp; Metabolism,Amino acid metabolism,UGDH</p>
Molecular Weight:	44 kDa/47 kDa/55 kDa
Gene ID:	7358
UniProt:	<a href="#">O60701</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

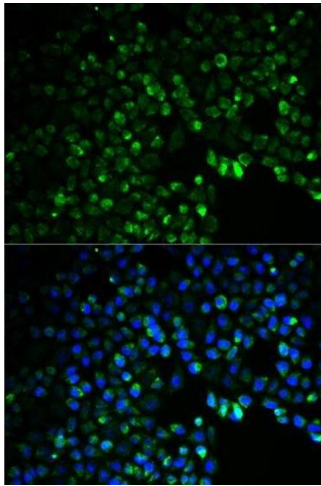
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

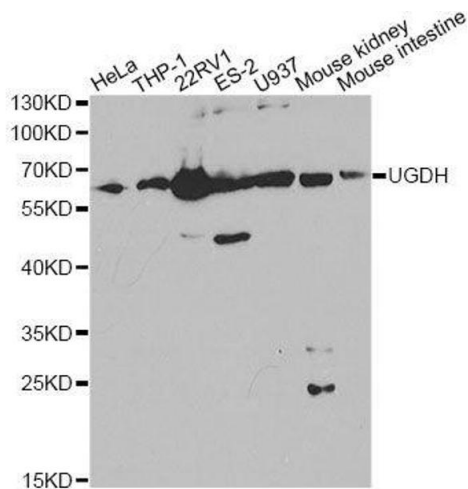
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



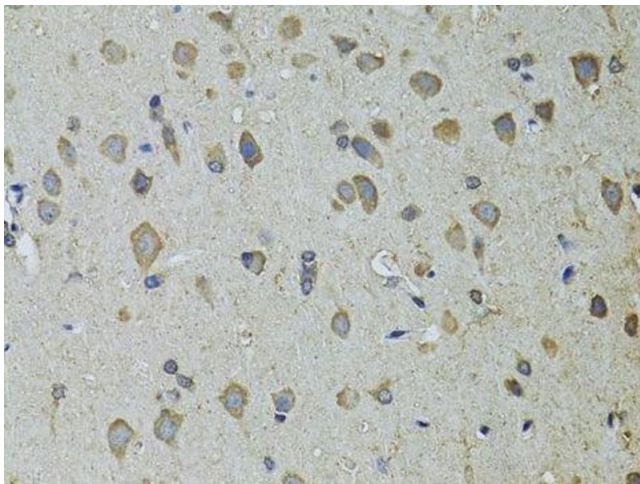
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using UGDH antibody.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using UGDH Antibody.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded rat brain using UGDH antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3021733.