

## 兔抗 UGDH 多克隆抗体

中文名称：兔抗 UGDH 多克隆抗体

英文名称：Anti-UGDH rabbit polyclonal antibody

别名：UGDH; GDH; UDP-GlcDH; UDPGDH; UGD

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：UGDH

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

UDP-GlcDH (also called UDP-glucose 6-dehydrogenase, UGDH or UDPGDH) is a member of the UDP-glucose/GDP-mannose dehydrogenase family. UDP-GlcDH converts UDP-glucose to UDP-glucuronic acid, which is a crucial component in the biosynthesis of the glycosaminoglycans, hyaluronan, heparan sulfate and chondroitin sulfate. Found as common components of the extracellular matrix, these glycosaminoglycans are significant in signal transduction, cell migration, cancer growth and cancer metastasis. UDP-glucuronic acid (UDP-GlcA) is needed in the liver for the excretion of toxic compounds. UDP-GlcDH is a ubiquitously

	expressed protein most abundant in the liver. The protein structure of UDP-GlcDH was first analyzed in cow liver and found to be a homohexamer. This structure is well conserved between species and phyla with an overall 97% sequence identity shared between different species of mammals. Research indicates that UDP-GlcDH expression is up regulated by TGF $\beta$ and downregulated by hypoxia.
<b>Applications:</b>	WB
<b>Name of antibody:</b>	UGDH
<b>Immunogen:</b>	Fusion protein of human UGDH
<b>Full name:</b>	UDP-glucose 6-dehydrogenase
<b>Synonyms :</b>	UGDH; GDH; UDP-GlcDH; UDPGDH; UGD
<b>SwissProt:</b>	O60701
<b>WB Predicted band size:</b>	55 kDa
<b>WB Positive control:</b>	Hepg2 and HeLa cells
<b>WB Recommended dilution:</b>	500-2000

