

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 con

	served 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 β and downregulated by hypoxia.
Applications:	WB
Name of antibody:	UGDH
Immunogen:	Fusion protein of human UGDH
Full name:	UDP-glucose 6-dehydrogenase
Synonyms :	UGDH; GDH; UDP-GlcDH; UDPGDH; UGD
SwissProt:	O60701
WB Predicted band size:	55 kDa
WB Positive control:	Hepg2 and HeLa cells
WB Recommended dilution:	500-2000

