

## Rabbit Anti-UGDH/APC Conjugated antibody

SL6715R-APC

<b>Product Name</b>	Anti-UGDH/APC
<b>Chinese Name</b>	APC 标记的尿苷二磷酸葡萄糖脱氢酶抗体
<b>Alias</b>	UDP glucose dehydrogenase; GDH; UDP Glc dehydrogenase; UDP GlcDH; UDP glucose 6 dehydrogenase; UDP-Glc dehydrogenase; UDP-GlcDH; UDP-glucose 6-dehydrogenase; UDPGDH; UGD; Ugdh; UGDH_HUMAN; Uridine diphospho glucose dehydrogenase.
<b>Research Area</b>	Cell biology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse,Rat(predicted:Dog,Pig,Cow,Horse,Rabbit,Sheep) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	55kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human UGDH/UDPGDH
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> 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.[provided by RefSeq, May 2010].

**Function:**

Involved in the biosynthesis of glycosaminoglycans; hyaluronan, chondroitin sulfate, and heparan sulfate.

**Subunit:**

Homohexamer.

**Tissue Specificity:**

Widely expressed.

**Similarity:**

Belongs to the UDP-glucose/GDP-mannose dehydrogenase family.

**Database links:**

UniProtKB/Swiss-Prot: O60701.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.