

UGDH rabbit monoclonal antibody

Catalog # H00007358-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human UGDH peptide using ARM Technology.
Immunogen	A synthetic peptide of human UGDH is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human UGDH peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — UGDH

Entrez GeneID	7358
GeneBank Accession#	UGDH
Gene Name	UGDH
Gene Alias	GDH, UDP-GlcDH, UDPGDH, UGD
Gene Description	UDP-glucose dehydrogenase
Omim ID	603370
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	UDP-glucose 6-dehydrogenase uridine diphospho-glucose dehydrogenase

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Ascorbate and aldarate metabolism](#)
- [Metabolic pathways](#)
- [Pentose and glucuronate interconversions](#)
- [Starch and sucrose metabolism](#)

Disease

- [Alcoholism](#)