

DNAxPAb

Hard-to-Find
Antibody

UGDH DNAxPab

Catalog # H00007358-W01P

Size 200 ug

Specification

| | |
|-------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against a partial-length human UGDH DNA using DNAx™ Immune technology. |
| Technology | DNAx™ Immune |
| Immunogen | Extracellular membrane domain (ECD) human DNA |
| Host | Rabbit |
| Reactivity | Human |
| Purification | Protein A |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — UGDH

| | |
|---------------------|---|
| Entrez GeneID | 7358 |
| GeneBank Accession# | NM_003359.2 |
| Protein Accession# | NP_003350.1 |
| 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](#)