

DNAxPAb

Hard-to-Find
Antibody

DPH2 DNAxPAb

Catalog # H00001802-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human DPH2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MESMFSSPAEAAALQRETGVPGLLTPLPDLDGVYELERVAGFVRDLGCERVALQFPDQLLGDAV
AVAARLEETTGSKMFI LGDTAYGSCCV DVLGAEQAGAQAALIHFGPACLSPPARPLPVAFVLRQRS
VALELCVKAFE AQNPDPKAPVVLLSE PACAHALEALATLLRPRYDLLVSSPAFPQPVGSLSPEP
MPLERFGRRFPLAPGRRLEEYGA FYVGGSKASPD PDLPDLSRLLLGWAPGQPFSSCCPD TGK
TQDEGARAGRLRARRRYLVERARDARVVGLLAGT LGVAQHREALAHLRNL TQAAGKRSYVLALG
RPTPAKLANFPEVDV FVLLACPLGALAPQLSGSFFQPI LAPCELEAACNPAWPPPGLAPHLTHYA
DLLPGSPFHVALPPPESELWETPDVSLITGDLRPPPAWKSSNDHGSLALTPRPQLELAESSPAA
SFLSSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSG

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 — DPH2

Entrez GeneID [1802](#)

GeneBank Accession# [NM_001384.4](#)

Protein Accession# [NP_001375.2](#)

Gene Name DPH2

Gene Alias DPH2L2

Gene Description DPH2 homolog (S. cerevisiae)

Omim ID [603456](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is one of two human genes similar to the yeast gene dph2. The yeast gene was identified by its ability to complement a diphthamide mutant strain, and thus probably functions in diphthamide biosynthesis. Diphthamide is a post-translationally modified histidine residue present in elongation factor 2 (EF2) that is the target of diphtheria toxin ADP-ribosylation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations DPH2-like 2|OTTHUMP00000010007|diphthamide biosynthesis protein 2|diphthamide biosynthesis-like protein 2|diphtheria toxin resistance protein required for diphthamide biosynthesis-like 2

Disease

- [Tobacco Use Disorder](#)