

DPH1 rabbit monoclonal antibody

Catalog # H00001801-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DPH1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DPH1 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 DPH1 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 — DPH1

Entrez GeneID	1801
GeneBank Accession#	DPH1
Gene Name	DPH1
Gene Alias	DPH2L, DPH2L1, FLJ33211, OVCA1
Gene Description	DPH1 homolog (S. cerevisiae)
Omim ID	603527
Gene Ontology	Hyperlink
Gene Summary	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaeobacteria to humans and serves as the target for ADP-ribosylation and inactivation of EEF2 by diphtheria toxin (DT) and Pseudomonas exotoxin A. DPH1 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM]
Other Designations	DPH-like 1 DPH2-like 1 candidate tumor suppressor in ovarian cancer 1 diphtheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 1 diphtheria toxin resistance protein required for diphthamide biosynthesis-like 1 ovarian c