

Datasheet for ABIN951975
anti-DPH1 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	DPH1
Binding Specificity:	AA 383-412, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPH1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 383-412 amino acids from the C-terminal region of Human DPH1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human DPH1 / OVAC1 (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	DPH1
Abstract:	DPH1 Products
Background:	Diphthamide is a unique posttranslationally modified histidine found only in translation

Target Details

elongation factor-2 (EEF2, MIM 130610). This modification is conserved from archaebacteria 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].Synonyms: DPH1 homolog, DPH2L, DPH2L1, Diphthamide biosynthesis protein 1, Diphthamide biosynthesis protein 2 homolog-like 1, Ovarian cancer-associated gene 1 protein

Molecular Weight: 48805 Da

Gene ID: 1801

NCBI Accession: [NP_001374](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

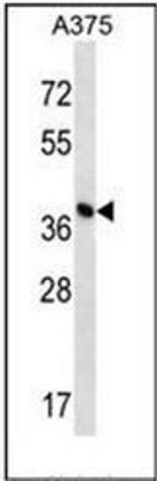
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of DPH1 / OVAC1 Antibody (C-term) in A375 cell line lysates (35ug/lane). This demonstrates the DPH1 antibody detected the DPH1 protein (arrow).