

Datasheet for ABIN5531034
anti-DPH1 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	DPH1
Binding Specificity:	AA 384-412, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DPH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 384-412 amino acids from the C-terminal region of human DPH1.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DPH1
Alternative Name:	DPH1 (DPH1 Products)
Background:	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

Target Details

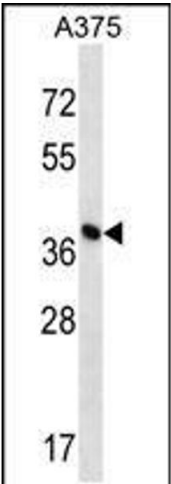
	toxin (DT) and Pseudomonas exotoxin A. DPH1 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM].
Molecular Weight:	49 kDa
Gene ID:	1801
UniProt:	Q9BZG8

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in A375 cell line lysates (35ug/lane).