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Datasheet for ABIN7142123

anti-DPH1 antibody (AA 192-318) (Biotin)

Overview

Quantity:	100 µg
Target:	DPH1
Binding Specificity:	AA 192-318
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPH1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human 2-(3-amino-3-carboxypropyl)histidine synthase subunit 1 protein (192-318AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DPH1
Alternative Name:	DPH1 (DPH1 Products)
Background:	Background: Required for the first step in the synthesis of diphthamide, a post-translational

Target Details

modification of histidine which occurs in translation elongation factor 2 (EEF2). When overexpressed, suppresses colony formation ability and growth rate of ovarian cancer cells. Acts also as a tumor suppressor in lung and breast cancers (By similarity). Plays a role in embryonic growth, organogenesis and postnatal survival.

Aliases: Candidate tumor suppressor in ovarian cancer 1 antibody, Diphthamide biosynthesis protein 1 antibody, Diphthamide biosynthesis protein 2 homolog like 1 antibody, Diphthamide biosynthesis protein 2 homolog-like 1 antibody, Diphthamide biosynthesis protein 2 like antibody, Diphthamide biosynthesis protein 2-like antibody, Diptheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces) like 1 antibody, Diptheria toxin resistance protein required for diphthamide biosynthesis like 1 antibody, DPH like 1 (S. cerevisiae) antibody, DPH like 1 antibody, DPH-like 1 antibody, DPH1 antibody, DPH1 homolog (S. cerevisiae) antibody, DPH1 homolog antibody, DPH1_HUMAN antibody, DPH2 like 1 antibody, DPH2-like 1 antibody, DPH2L antibody, DPH2L1 antibody, FLJ33211 antibody, HsDph1 antibody, Ovarian cancer associated gene 1 antibody, Ovarian cancer associated gene 1 protein antibody, Ovarian cancer-associated gene 1 protein antibody, Ovarian tumor suppressor candidate 1 antibody

UniProt: [Q9BZG8](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.