

## Product datasheet for **AP51294PU-N**

### DPH4 (DNAJC24) (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 53-82 amino acids from the Central region of Human DPH4
Specificity:	This antibody recognizes Human DPH4 (Center).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Dnaj heat shock protein family (Hsp40) member C24
Database Link:	<a href="#">Entrez Gene 120526 Human Q6P3W2</a>
Background:	Diphthamide is a unique posttranslationally modified histidine found only in translation 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. DPH4 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]). [supplied by OMIM].

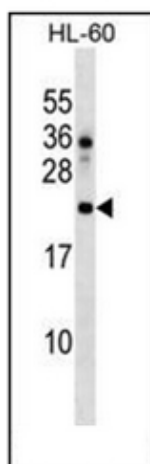


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Synonyms: DNAJC24, ZCSL3

Note: **Molecular Weight:** 17008 Da

**Product images:**



Western blot analysis of DPH4Antibody in HL-60 cell line lysates (35ug/lane). This demonstrates the DNAJC24 antibody detected the DNAJC24 protein (arrow).