

#### **Product datasheet for TA357112**

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

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human
Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N terminal region of human

DPH4

**Specificity: Expected reactivity**: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat

Homology: Cow: 86%; Dog: 86%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Rabbit: 86%;

Rat: 86%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 17kDa

Gene Name: DnaJ heat shock protein family (Hsp40) member C24

Database Link: NP 859057

Entrez Gene 120526 Human

Q6P3W2





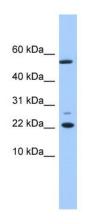
Background:

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.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]. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-10 CD685768.1 19-28 11-652 AL833128.1 1-642 653-3000 AC108456.7 42515-44862

Synonyms:

1700030A21Rik; DPH4; JJJ3; ZCSL3

## **Product images:**



WB Suggested Anti-DPH4 Antibody Titration: 0.2-1 ug/ml

Positive Control: Human Liver