

Product datasheet for TA357112

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



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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 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 archaeobacteria 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