

Rabbit DPH4 Polyclonal Antibody | anti-DNAJC24 antibody

DPH4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200294	Rabbit	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot

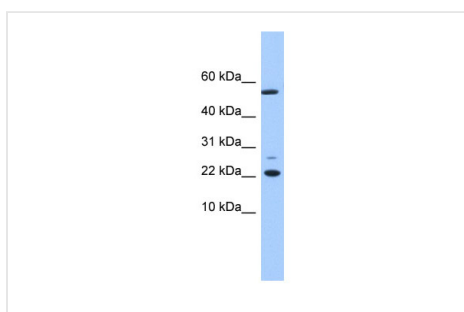
PRODUCT SYNONYMS

DPH4; Polyclonal Antibody; DPH4 antibody - N-terminal region; anti-DNAJC24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-DNAJC24 antibody	WB (Western Blot)
Protein Size (# AA)	149 amino acids
Official Gene Full Name	DnaJ (Hsp40) homolog, subfamily C, member 24
Alias Symbols	JJJ3, ZCSL3, DPH4
Peptide Sequence	Synthetic peptide located within the following region: MMAVEQMPKKDWYSILGADPSANISDLKQKYQKLILMYHPDKQSTDVPAG
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DPH4
Protein Name	DnaJ homolog subfamily C member 24
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 86%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DPH4 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJC24 antibody	Description of Target: 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
Product Categories/Family for anti-DNAJC24 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	89111951
NCBI GeneID	120526
NCBI Accession #	NP_859057
NCBI GenBank Nucleotide #	NM_181706
UniProt Accession #	Q6P3W2
Molecular Weight	17kDa
NCBI Official Full Name	dnaJ homolog subfamily C member 24
NCBI Official Synonym Full Names	DnaJ heat shock protein family (Hsp40) member C24
NCBI Official Symbol	DNAJC24
NCBI Official Synonym Symbols	DPH4; JJJ3; ZCSL3
NCBI Protein Information	dnaJ homolog subfamily C member 24
UniProt Protein Name	DnaJ homolog subfamily C member 24
UniProt Gene Name	DNAJC24
UniProt Synonym Gene Names	DPH4; ZCSL3
UniProt Entry Name	DJC24_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.