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anti-DNAJC24 antibody (N-Term)



Image



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#### Overview

Quantity:	100 μL
Target:	DNAJC24
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC24 antibody is un-conjugated
Application:	Western Blotting (WB)

### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DPH4
Sequence:	MMAVEQMPKK DWYSILGADP SANISDLKQK YQKLILMYHP DKQSTDVPAG
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against DPH4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

# **Target Details**

Target:	DNAJC24
Alternative Name:	DPH4 (DNAJC24 Products)

# Target Details

Ranko	round:
Dacke	n Ouriu.

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

Alias Symbols: JJJ3, ZCSL3, DPH4

Protein Size: 149

Molecular Weight:

17 kDa

Gene ID:

120526

NCBI Accession:

NM\_181706, NP\_859057

UniProt:

Q6P3W2

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 149 AA
Restrictions:	For Research Use only

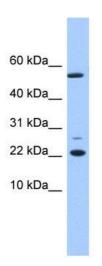
## Handling

Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

# Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

## **Images**



# **Western Blotting**

Image 1. WB Suggested Anti-DPH4 Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Liver