

Rabbit anti-Human DPH4/DNAJC24 Polyclonal Antibody | anti-DNAJC24 antibody

Anti-DPH4/DNAJC24 Antibody, Rabbit Polyclonal

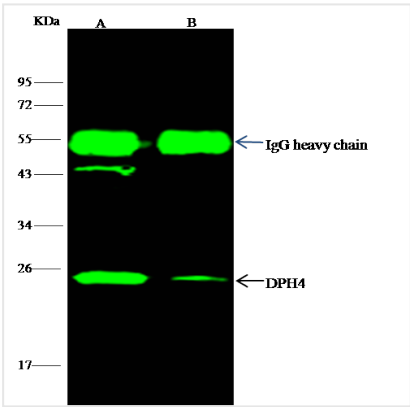
CATALOG # AAA254772	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

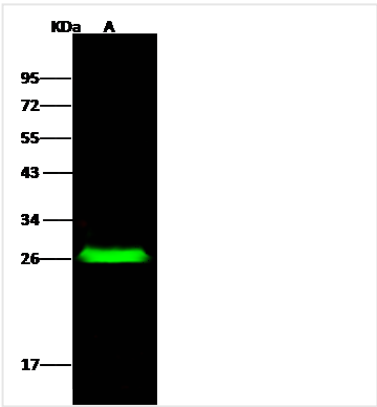
DPH4/DNAJC24; Polyclonal Antibody; Anti-DPH4/DNAJC24 Antibody; Rabbit Polyclonal; DNAJC24 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-AC108456.1 Antibody; Anti-JJJ3 Antibody; Anti-ZCSL3 Antibody; anti-DNAJC24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DNAJC24
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DNAJC24 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human DNAJC24
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human DNAJC24, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
DNAJC24 was immunoprecipitated using: Lane A: 0.5 mg HL-60 Whole Cell Lysate; Lane B: 0.5 mg Raw264.7 Whole Cell Lysate; 4 μ L anti-DNAJC24 rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-DNAJC24 rabbit polyclonal antibody, at 1:100 dilution; Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 17 kDa; Observed band size: 26 kDa.



WB (Western Blot)
Anti-DNAJC24 rabbit polyclonal antibody at 1:500 dilution; Lane A: HL60 Whole Cell Lysate; Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 17 kDa; Observed band size: 26 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJC24 antibody	Diphthamide is a post-translationally modified histidine residue found in eukaryotic and archaeal translation elongation factor 2 (EF2). It is named after the fact that it is the target of diphtheria toxin (DT) produced by <i>Corynebacterium diphtheriae</i> . DT and the <i>Pseudomonas aeruginosa</i> exotoxin A (ETA) catalyze the ADP-ribosylation reaction on the diphthamide residue of EF2 using nicotinamide adenine dinucleotide (NAD) as the ADP-ribosyl donor. EF2 catalyzes the translocation of mRNA and peptidyl-tRNA from ribosome A site to P site. The ADP-ribosylation of EF2 inactivates it, stopping protein synthesis and leading to cell death. This modification is conserved from archaeobacteria to humans. DPH4 (also known as DNAJC24, JJJ3 and ZCSL3) is 1 of several enzymes involved in synthesis of diphthamide in EEF2.
References	Su X, et al. (2013) The biosynthesis and biological function of diphthamide. <i>Crit Rev Biochem Mol Biol</i> 48 (6): 515-521.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89111951
NCBI GeneID	120526
NCBI Accession #	NP_859057.4
NCBI GenBank Nucleotide #	NM_181706.4
UniProt Accession #	Q6P3W2; A8K0V0; B1ALC1; I6L9B4
Molecular Weight	9,693 Da
NCBI Official Full Name	dnaJ homolog subfamily C member 24
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily C, member 24
NCBI Official Symbol	DNAJC24
NCBI Official Synonym Symbols	DPH4; JJJ3; ZCSL3
NCBI Protein Information	dnaJ homolog subfamily C member 24; 1700030A21Rik; CSL-type zinc finger-containing protein 3; DPH4 homolog (JJJ3, <i>S. cerevisiae</i>); DPH4, JJJ3 homolog; diphthamide biosynthesis protein 4; zinc finger, CSL domain containing 3; zinc finger, CSL-type containin
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dph4-dnajc24-antibody-immunoprecipitation-western-blot-elisa/254772>