

Datasheet for ABIN7601324  
**anti-DNAJC6 antibody (AA 32-913)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	DNAJC6
Binding Specificity:	AA 32-913
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC6 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Purpose:	Anti-DNAJC6 Antibody Picoband®
Immunogen:	E.coli-derived human DNAJC6 recombinant protein (Position: R32-Y913).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-DNAJC6 Antibody Picoband® (ABIN7601324). Tested in ELISA, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	DNAJC6
Alternative Name:	DNAJC6 ( <a href="#">DNAJC6 Products</a> )
Background:	<p>Synonyms: Transcription factor jun-D, JUND</p> <p>Background: Putative tyrosine-protein phosphatase auxilin is an enzyme that in humans is encoded by the DNAJC6 gene. DNAJC6 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus, a glycine/phenylalanine (G/F)-rich region, and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain (Ohtsuka and Hata, 2000</p>
Molecular Weight:	120 kDa
Gene ID:	9829
UniProt:	<a href="#">O75061</a>

## Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Edvardson, S., Cinnamon, Y., Ta-Shma, A., Shaag, A., Yim, Y.-I., Zenvirt, S., Jalas, C., Lesage, S., Brice, A., Taraboulos, A., Kaestner, K. H., Greene, L. E., Elpeleg, O. A deleterious mutation in DNAJC6 encoding the neuronal-specific clathrin-uncoating co-chaperone auxilin, is associated with juvenile parkinsonism. PLoS One 7: e36458, 2012. Note: Electronic Article. 2. Elsayed, L. E. O., Drouet, V., Usenko, T., Mohammed, I. N., Hamed, A. A. A., Elseed, M. A., Salih, M. A. M., Koko, M. E., Mohamed, A. Y. O., Siddig, R. A., Elbashir, M. I., Ibrahim, M. E., Durr, A., Stevanin, G., Lesage, S., Ahmed, A. E., Brice, A. A novel nonsense mutation in DNAJC6 expands the phenotype of autosomal-recessive juvenile-onset Parkinson's disease. (Letter) Ann. Neurol. 79: 335-338, 2016. 3. Fotin, A., Cheng, Y., Grigorieff, N., Walz, T., Harrison, S. C., Kirchhausen, T. Structure of an auxilin-bound clathrin coat and its implications for the mechanism of uncoating. Nature 432: 649-653, 2004.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
---------	-------------

## Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.