Datasheet for ABIN7601358

anti-DNAJC10 antibody (AA 33-793)

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Overview

Quantity:	100 µg
Target:	DNAJC10
Binding Specificity:	AA 33-793
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-DNAJC10 Antibody Picoband®
Immunogen:	E.coli-derived human DNAJC10 recombinant protein (Position: D33-L793).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-DNAJC10 Antibody Picoband® (ABIN7601358). Tested in ELISA, Flow Cytometry, 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:	DNAJC10
Alternative Name:	DNAJC10 (DNAJC10 Products)
Background:	Synonyms: DAZ-associated protein 1, Deleted in azoospermia-associated protein 1, DAZAP1 Tissue Specificity: Mainly expressed in testis. Expressed to a lower level in thymus. Weakly or not expressed in heart, liver, brain, placenta, lung, skeletal muscle, kidney and pancreas. Background: DnaJ homolog subfamily C member 10 is a protein that in humans is encoded by the DNAJC10 gene. This gene encodes an endoplasmic reticulum co-chaperone which is part of the endoplasmic reticulum-associated degradation complex involved in recognizing and degrading misfolded proteins. The encoded protein reduces incorrect disulfide bonds in misfolded glycoproteins. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Weight:	91 kDa
Gene ID:	54431
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Cunnea, P. M., Miranda-Vizuete, A., Bertoli, G., Simmen, T., Damdimopoulos, A. E., Hermann, S., Leinonen, S., Huikko, M. P., Gustafsson, J.-A., Sitia, R., Spyrou, G. ERdj5, an endoplasmic reticulum (ER)-resident protein containing DnaJ and thioredoxin domains, is expressed in secretory cells or following ER stress. J. Biol. Chem. 278: 1059-1066, 2003. 2. Hosoda, A., Kimata, Y., Tsuru, A., Kohno, K. JPDI, a novel endoplasmic reticulum-resident protein containing both a BiP-interacting J-domain and thioredoxin-like motifs. J. Biol. Chem. 278: 2669-2676, 2003. 3. Ushioda, R., Hoseki, J., Araki, K., Jansen, G., Thomas, D. Y., Nagata, K. ERdj5 is required as a disulfide reductase for degradation of misfolded proteins in the ER. Science 321: 569-572, 2008
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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 Na2HPO4.
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.