.-online.com antibodies

Datasheet for ABIN6658300 anti-YDJ1 antibody

Image



Overview

Quantity:	100 µg	
Target:	YDJ1	
Reactivity:	Saccharomyces cerevisiae	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This YDJ1 antibody is un-conjugated	
Application:	Immunoprecipitation (IP), Western Blotting (WB), ELISA	
Product Details		
Immunogen:	Immunogen: Hsp40 (YDJ1) Antibody was produced in mice by repeated immunizations raised	
	against full length protein yeast Hsp40 (YDJ1).	
	Immunogen Type: Recombinant Protein	
Clone:	1G10-H8	
lsotype:	lgG1	
Purification:	Anti-Hsp40, YDJ1 Antibody was purified by Protein G chromatography. A BLAST analysis was	
	used to suggest cross-reactivity with Hsp40 from yeast based on 100% homology with the	
	immunizing sequence. Cross-reactivity with Hsp40 from other sources has not been	
	determined. Heat Shock research.	
Target Details		

Target:	YDJ1

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6658300 | 01/12/2024 | Copyright antibodies-online. All rights reserved.

Target Details		
Alternative Name:	Hsp40 (YDJ1) (YDJ1 Products)	
Background:	Synonyms: Mitochondrial protein import protein MAS5, Yeast dnaJ protein 1, YDJ1, MAS5,	
	YNL064C, N2418, YNL2418C	
	Background: Human Hsp40/DnaJ proteins comprise a large protein family, members of which	
	feature the J domain (named after the bacterial DnaJ protein). The J-domain spans the first 75	
	N-terminal amino acids and is separated from the C-terminal by a glycine/phenylalanine-rich	
	domain. There are two main types of Hsp40, type 1 DNAJ proteins including HDJ2 and yeast	
	Ydjl, type II includes yeast Sis1 and human Hdj1. Whereas type I possesses a zinc finger	
	domain which helps in the function of protein folding, type II does not. Members of the	
	Hsp40/DnaJ family play diverse roles in many cellular processes, such as folding, translocation	
	degradation and assembly of multi-protein complexes. Hsp40 stimulates the ATPase activity of	
	Hsp70 which in turn causes conformational changes of the unfolded proteins. The Hsp40-	
	Hsp70-unfolded protein complex further binds to co-chaperones Hip, Hop and HSP90 which	
	leads to protein folding, or components of protein degradation machinery CHIP and BAG-1.	
	Gene Name: YDJ1	
Gene ID:	855661	
NCBI Accession:	NP_014335	
UniProt:	P25491	
Application Details		
Application Notes:	Application Note: Anti-Hsp40 Antibody is recommended for use in WB, IP, and ELISA. Expect a	
	band approximately ~40 kDa protein corresponding to the molecular mass of Hsp40 on SDS	
	PAGE immunoblots. Specific conditions for reactivity should be optimized by the end user.	
	Immunoprecipitation Dilution: User Optimized	
	ELISA Dilution: 1:200	
	Western Blot Dilution: 1:2000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	50 % (v/v) Glycerol0.09 % (w/v) Sodium Azide	
_		

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6658300 | 01/12/2024 | Copyright antibodies-online. All rights reserved.

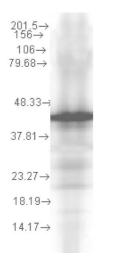
Sodium azide

Preservative:

i I	•
lond	lina
land	
iuiiu	mg

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Images



Western Blotting

Image 1. Hsp40 YDJ1 Western Blot. Western Blot of mouse anti-Hsp40 YDJ1 antibody. Lane 1: human cell line mix. Lane 2: none. Load: 10 μg per lane. Primary antibody: Hsp40 YDJ1 antibody at 1:1000 for overnight at 4°C. Secondary antibody: mouse secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 44.7 kDa/~45 kDa for Hsp40 YDJ1. Other band(s): none.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6658300 | 01/12/2024 | Copyright antibodies-online. All rights reserved.