

Datasheet for ABIN6243640  
**anti-DNAJC3 antibody (AA 189-223)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	DNAJC3
Binding Specificity:	AA 189-223
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This DNAJC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 189-223 amino acids of human DNAJC3.
Clone:	RB57780
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DNAJC3
Alternative Name:	DNAJC3 ( <a href="#">DNAJC3 Products</a> )

## Target Details

Background:	Involved in the unfolded protein response (UPR) during ER stress. Co-chaperone of HSPA8/HSC70, it stimulates its ATPase activity. May inhibit both the autophosphorylation of EIF2AK2/PKR and the ability of EIF2AK2 to catalyze phosphorylation of the EIF2A. May inhibit EIF2AK3/PERK activity.
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Molecular Weight:	57580
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UniProt:	<a href="#">Q13217</a>
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Pathways:	<a href="#">ER-Nucleus Signaling</a>
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## Application Details

Application Notes:	WB: 1:2000. FC: 1:25
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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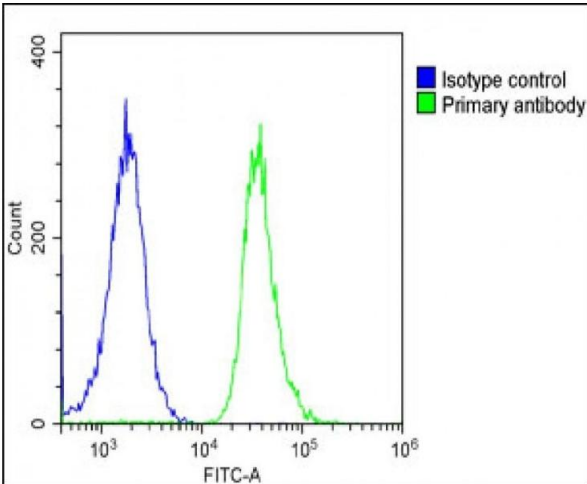
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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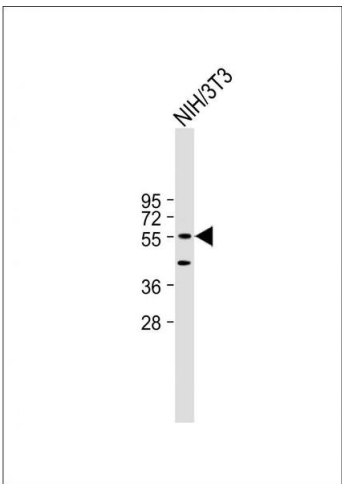
Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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### Flow Cytometry

**Image 1.** Overlay histogram showing A431 cells stained with (ABIN6243640 and ABIN6578866) (green line). The cells were fixed with 2 % paraformaldehyde and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of >10, 000 events was performed.



### Western Blotting

**Image 2.** Anti-DNAJC3 Antibody (Center) at 1:2000 dilution + NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.