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Datasheet for ABIN562442

anti-DNAJC3 antibody (AA 1-234)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	DNAJC3
Binding Specificity:	AA 1-234
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNAJC3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant DNAJC3.
Immunogen:	DNAJC3 (AAH33823, 1 a.a. ~ 234 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MVAPGSVTSR LGSVFPFLV LVDLQYEGAE CGVNADVEKH LELGKLLAA GQLADALSQF HAAVDGDPDN YIAYYRRATV FLAMGKSKAA LPDLTKVIQL KMDFTAARLQ RGHLLKQGK LDEAEDDFKK VVFPVPSLLG LQRSLDDLY LLFWFFLMKK VTFRCLSSAI SECLPQSLNL MKFNLLISFL LLWTVRLVSC LRSIHAYVGS KTFLISSKSF MVLCFIFKPI VYLS
Clone:	4D3-F2
Isotype:	IgG2a
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: DNAJC3

Alternative Name: DNAJC3 ([DNAJC3 Products](#))

Background: Full Gene Name: DnaJ (Hsp40) homolog, subfamily C, member 3
Synonyms: HP58,P58,P58IPK,PRKRI

Gene ID: 5611

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

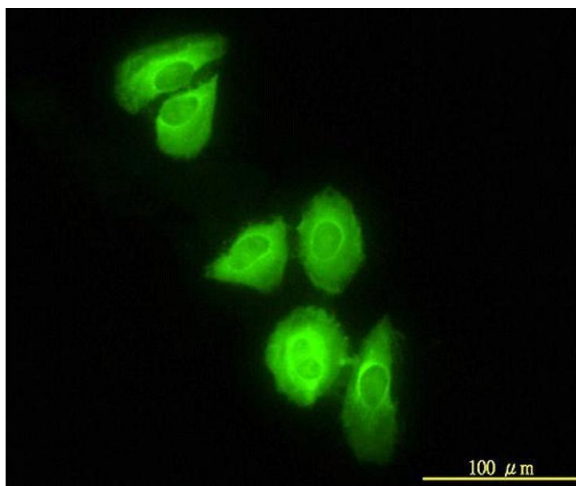
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

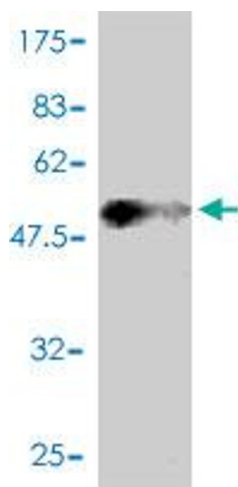
Publications

Product cited in: Roobol, Roobol, Bastide, Knight, Willis, Smales: "p58IPK is an inhibitor of the eIF2 γ kinase GCN2 and its localization and expression underpin protein synthesis and ER processing capacity." in: **The Biochemical journal**, Vol. 465, Issue 2, pp. 213-25, (2015) ([PubMed](#)).



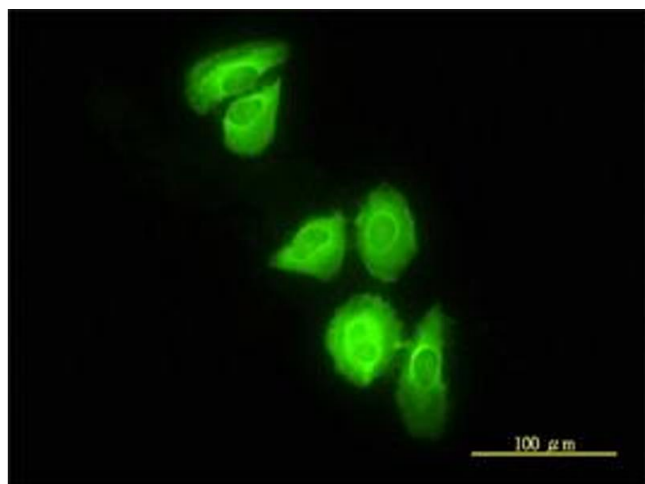
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to DNAJC3 on HeLa cell. [antibody concentration 10 μ g/ml]



Western Blotting

Image 2. Western Blot detection against Immunogen (51.48 kDa) .



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to DNAJC3 on HeLa cell. (antibody concentration 10 μ g/mL)