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Datasheet for ABIN7150550
anti-DNAJC3 antibody (AA 277-496)

3 Images

Overview

Quantity:	100 µg
Target:	DNAJC3
Binding Specificity:	AA 277-496
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAJC3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human DnaJ homolog subfamily C member 3 protein (277-496AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DNAJC3
Alternative Name:	DNAJC3 (DNAJC3 Products)
Background:	Background: Involved in the unfolded protein response (UPR) during endoplasmic reticulum (ER) stress. Acts as a negative regulator of the EIF2AK4/GCN2 kinase activity by preventing the

Target Details

phosphorylation of eIF-2-alpha at '\\Ser-52\\' and hence attenuating general protein synthesis under ER stress, hypothermic and amino acid starving stress conditions (By similarity). 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.

Aliases: DnaJ (Hsp40) homolog subfamily C member 3 antibody, DnaJ homolog subfamily C member 3 antibody, DNAJC3 antibody, DNJC3_HUMAN antibody, double-stranded RNA-activated protein kinase inhibitor antibody, Endoplasmic reticulum DnaJ protein 6 antibody, ERdj6 antibody, HP58 antibody, Interferon induced, double stranded RNA activated protein kinase inhibitor antibody, Interferon-induced antibody, P58 antibody, p58 ipk antibody, P58IPK antibody, PRKRI antibody, Protein kinase inhibitor of 58 kDa antibody, Protein kinase inhibitor p58 antibody, Protein kinase interferon inducible double stranded RNA dependent inhibitor antibody

UniProt: [Q13217](#)

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

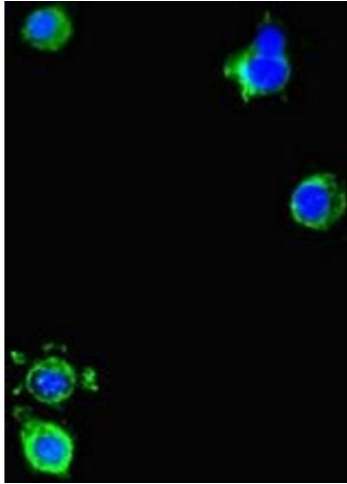
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

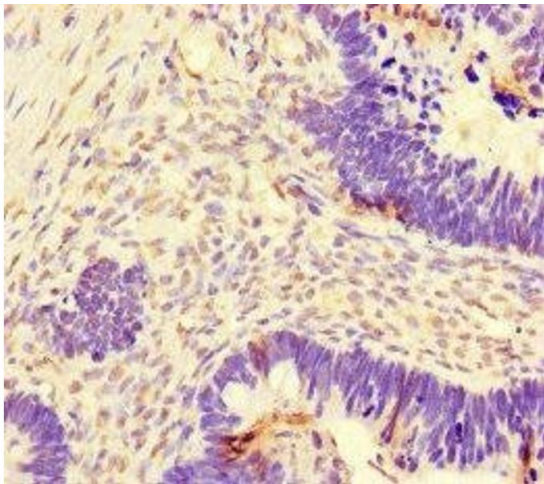
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



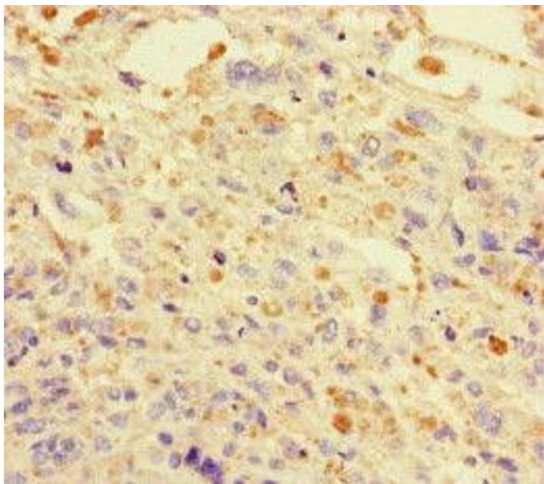
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7150550 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7150550 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human melanoma using ABIN7150550 at dilution of 1:100