

Datasheet for ABIN7129340

anti-COQ3 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	COQ3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COQ3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human EIF2AK3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	COQ3
Alternative Name:	COQ3 (COQ3 Products)
Background:	Background: The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by

Target Details

malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.
Aliases: COQ3 antibody, UG0215E05Ubiquinone biosynthesis O-methyltransferase antibody, mitochondrial antibody, 3-demethylubiquinol 3-O-methyltransferase antibody, EC 2.1.1.64 antibody, Polyprenyldihydroxybenzoate methyltransferase antibody, EC 2.1.1.114 antibody

UniProt: [Q9NZJ6](#)
Pathways: [Methionine Biosynthetic Process](#)

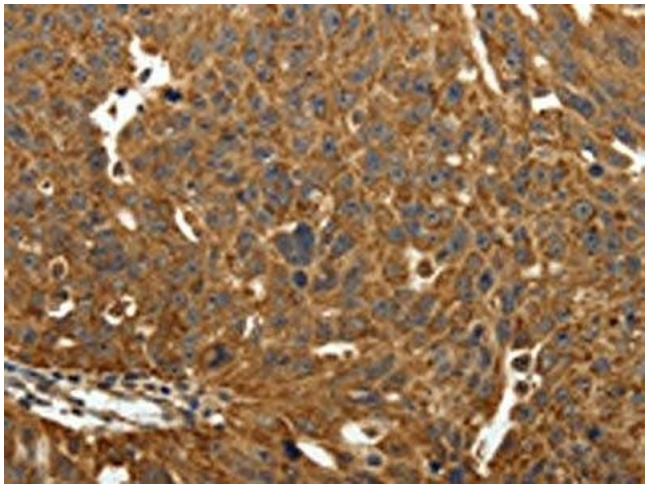
Application Details

Application Notes: ELISA:1:2000-1:5000, WB:1:200-1:1000, IHC:1:50-1:200,
Restrictions: For Research Use only

Handling

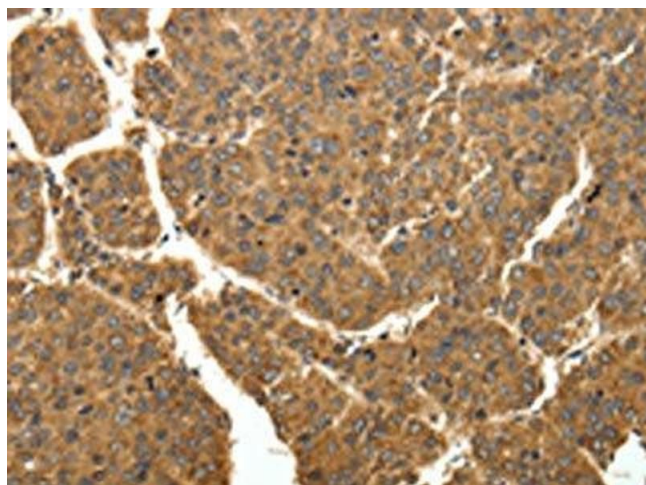
Format: Liquid
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative: Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: -20 °C,-80 °C
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ABIN7129340(EIF2AK3 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABIN7129340(EIF2AK3 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 3. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: HT29 cells, Primary antibody: ABIN7129340(EIF2AK3 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute