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Datasheet for ABIN5542714 anti-DOC2A antibody (AA 652-749)

5 Images



Overview

Quantity:	0.1 mg
Target:	DOC2A
Binding Specificity:	AA 652-749
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DOC2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human DOC2 (AA: 652-749) expressed in E. coli.
Clone:	2H7C4
Isotype:	lgG1
Purification:	purified

Target Details

Target:	DOC2A
Alternative Name:	DOC2 (DOC2A Products)
Background:	Description: This gene encodes a mitogen-responsive phosphoprotein. It is expressed in normal

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Target Details

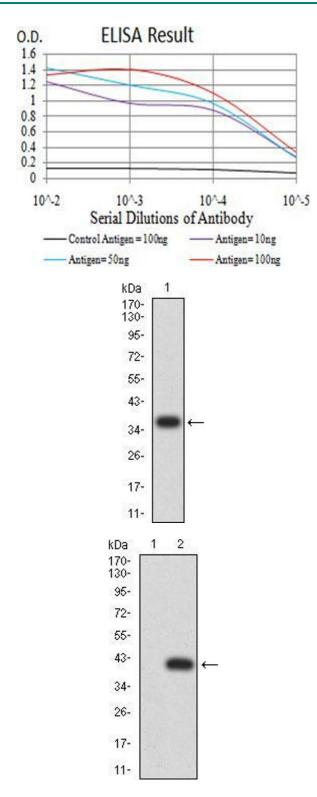
	ovarian epithelial cells, but is down-regulated or absent from ovarian carcinoma cell lines,
	suggesting its role as a tumor suppressor. This protein binds to the SH3 domains of GRB2, an
	adaptor protein that couples tyrosine kinase receptors to SOS (a guanine nucleotide exchange
	factor for Ras), via its C-terminal proline-rich sequences, and may thus modulate growth
	factor/Ras pathways by competing with SOS for binding to GRB2. Alternatively spliced
	transcript variants encoding different isoforms have been found for this gene.,
	Aliases: DAB2, DOC-2
Molecular Weight:	82.4 kDa
Gene ID:	1601
HGNC:	5899
Pathways:	Synaptic Vesicle Exocytosis
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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 Comment: 4°C, -20°C for long term storage

Storage:

4 °C/-20 °C

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ELISA

Image 1. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

Western Blotting

Image 2. Western blot analysis using DOC2 mAb against human DOC2 (AA: 652-749) recombinant protein. (Expected MW is 36.6 kDa)

Western Blotting		
Image 3. Western blot analysis using DOC2 mAb against		
HEK293 (1) and DOC2 (AA: 652-749)-hlgGFc transfected		
HEK293 (2) cell lysate.		

Please check the product details page for more images. Overall 5 images are available for ABIN5542714.

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