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Datasheet for ABIN656737

**anti-COPS7A antibody (C-Term)****2** Images

## Overview

Quantity:	400 µL
Target:	COPS7A
Binding Specificity:	AA 237-266, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS7A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This COPS7A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-266 amino acids from the C-terminal region of human COPS7A.
Clone:	RB32335
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	COPS7A
Alternative Name:	COPS7A ( <a href="#">COPS7A Products</a> )

## Target Details

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Background:	Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively.
Molecular Weight:	30277
Gene ID:	50813
NCBI Accession:	<a href="#">NP_001157565</a> , <a href="#">NP_001157566</a> , <a href="#">NP_001157567</a> , <a href="#">NP_057403</a>
UniProt:	<a href="#">Q9UBW8</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

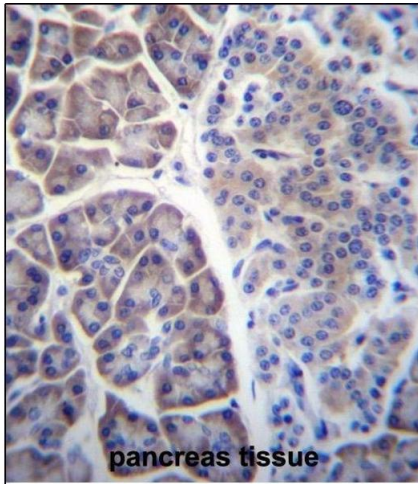
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

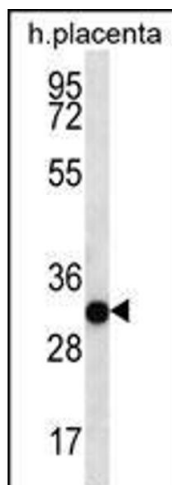
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	COPS7A Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** COPS7A Antibody (C-term) (ABIN656737 and ABIN2845961) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of COPS7A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** COPS7A Antibody (C-term) (ABIN656737 and ABIN2845961) western blot analysis in human placenta tissue lysates (35 µg/lane). This demonstrates the COPS7A antibody detected the COPS7A protein (arrow).