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# Datasheet for ABIN2786958 anti-COPS7A antibody (Middle Region)

2 Images



### Overview

Quantity:	100 µL
Target:	COPS7A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS7A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human COPS7A
Sequence:	NLKKTIKVTT AAAAAATSQD PEQHLTELRE PAPGTNQRQP SKKASKGKGL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against COPS7A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	COPS7A

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Target Details		
Alternative Name:	COPS7A (COPS7A Products)	
Background:	COPS7A is a 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 cul	
	Alias Symbols: MGC110877, CSN7A	
	Protein Interaction Partner: FBXW11, RAF1, PTGS2, GPS1, UBC, cul1, COPS6, COPS8, PRMT5,	
	WDR77, COPS7B, DCAF8, EPB41L1, COPS4, FBX06, FBXW4, VCP, DDIT3, COPS5, COPS2,	
	COPS3, LRR1, DCAF11, DDA1, RFWD2, UBD, RBX1, VPRBP, CUL2, CUL3, CUL4A, CUL4B, GRK5,	
	DDB1, DDB2, DCUN1D1, COPS7A, PMF1,	
	Protein Size: 275	
Molecular Weight:	30 kDa	
Gene ID:	50813	
NCBI Accession:	NM_016319, NP_057403	
UniProt:	Q9UBW8	
Pathways:	Cell Division Cycle	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 275 AA
Restrictions:	For Research Use only

## Handling

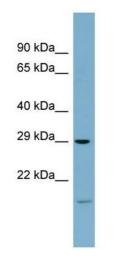
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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## Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

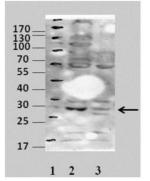
### Images



### Western Blotting

Image 1. WB Suggested Anti-COPS7A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart

### COPS8



See Immunoblot 2 Data and Customer Fedback tab for more information.

Western Blotting
Image 2. Sample Type: 1. Markers
2. B8 mouse fibroblast cells, extraction only
3. Human total cells, pure
Primary Dilution: 1:500
Secondary Anitbody: HRP conjugated anti-rabbit
Image Submitted By: Dr. Elah Pick
University of Haifa at Oranim

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