

Datasheet for ABIN2778317  
**anti-COPS2 antibody (N-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	COPS2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse, Saccharomyces cerevisiae, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human COPS2
Sequence:	MSDMEDDFMC DDEEDYDLEY SEDSNSEPNV DLENQYYNSK ALKEDDPKAA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 91%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 86%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against COPS2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	COPS2
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## Target Details

Alternative Name:	COPS2 ( <a href="#">COPS2 Products</a> )
Background:	<p>COPS2 is an essential 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. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/Ion ChannelSBP. COPS2 is also involved in early stage of neuronal differentiation via its interaction with NIF3L1.</p> <p>Alias Symbols: ALIEN, CSN2, SGN2, TRIP15</p> <p>Protein Interaction Partner: UBC, GPS1, Map3k10, 5830415F09Rik, Taf1b, EP300, Crebbp, cul1, COPS7B, EPB41L1, COPS5, FBXW4, SENP8, vpr, IRF5, COPS4, COPS7A, COPS6, COPS8, COPS3, PMPCA, SEPHS1, EHBP1L1, SLAIN2, GAPVD1, PFKFB2, SEPT2, IRS2, GRK5, DDB2, LRR1, DCAF11, DDA1, RFWD2, DCAF8,</p> <p>Protein Size: 443</p>
Molecular Weight:	52 kDa
Gene ID:	9318
NCBI Accession:	<a href="#">NM_004236</a> , <a href="#">NP_004227</a>
UniProt:	<a href="#">P61201</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 443 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

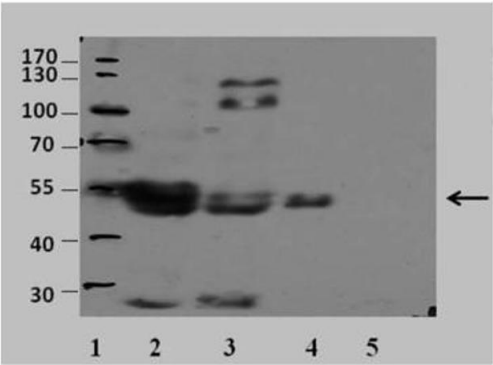
Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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



COPS2



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

Western Blotting

**Image 1.** WB Suggested Anti-COPS2 Antibody Titration: 0.5ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate

Western Blotting

**Image 2. Sample Type:** 1. Markers  
2. B8 mouse fibroblast cells, extraction only  
3. Human total cell extract  
4. Human blood cells, partially purified  
5. Pombe, extraction only

**Primary Dilution:** 1:200

**Secondary Anitbody:** HRP conjugated anti-rabbit

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