

Datasheet for ABIN6243118  
**anti-COPS7B antibody (AA 223-257)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	COPS7B
Binding Specificity:	AA 223-257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS7B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This COPS7B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 223-257 amino acids from the Central region of human COPS7B.
Clone:	RB56231
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	COPS7B
Alternative Name:	COPS7B ( <a href="#">COPS7B Products</a> )

## Target Details

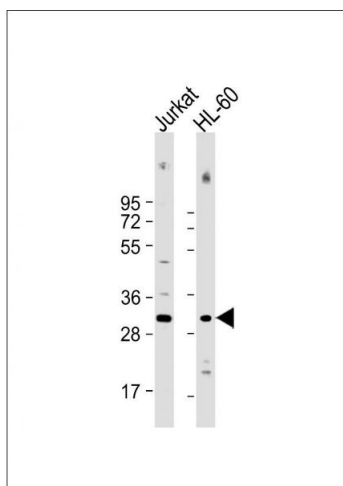
Background:	Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, 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:	29622
UniProt:	<a href="#">Q9H9Q2</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	WB: 1:500-1:1000
Restrictions:	For Research Use only

## Handling

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
Expiry Date:	6 months



#### Western Blotting

**Image 1.** All lanes : Anti-COPS7B Antibody (Center) at 1:500-1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.