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**Product Name: COPS4 Rabbit Monoclonal Antibody****Catalog #: AMRe84736**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	Calculated MW: 46 kDa ; Observed MW: 50 kDa

**Antigen Information**

<b>Gene Name</b>	COPS4
<b>Alternative Names</b>	CH4; COPS4; CSN4; DCH4; SGN4;;COPS4
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9BT78
<b>Immunogen</b>	A synthesized peptide derived from human COPS4

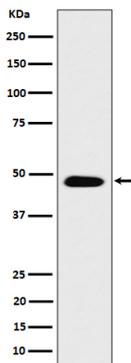
**Background**

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. Also involved in the deneddylation of non-cullin subunits such as STON2.

## Research Area

## Image Data



Western blot analysis of COPS4 expression in SH-SY5Y cell lysate.