



# Anti-Cops5 polyclonal antibody (CABT-B491)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	Cops5
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Zebrafish
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-Wmt
<b>Cellular Localization</b>	Cytoplasm, Nucleus
<b>Positive Control</b>	Zebrafish eye, Zebrafish embryo
<b>Format</b>	Liquid
<b>Concentration</b>	0.35 mg/ml (Please refer to the vial label for the specific concentration)
<b>Size</b>	50 µl
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
<b>Preservative</b>	None
<b>Storage</b>	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## BACKGROUND

**Introduction**

Probable protease subunit 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 E3 ligase complexes, leading to modify the Ubl ligase activity. In the complex, it probably acts as the catalytic center that mediates the cleavage of nedd8 from cullins. It however has no metalloprotease activity by itself and requires the other subunits of the CSN complex.

**Keywords**

COPS5;COP9 signalosome subunit 5;CSN5;JAB1;SGN5;MOV-34;COP9 signalosome complex subunit 5;38 kDa Mov34 homolog;signalosome subunit 5;jun activation domain-binding protein 1;COP9 constitutive photomorphogenic homolog subunit 5

## GENE INFORMATION

**Synonyms**

signalosome subunit 5; COP9 signalosome complex subunit 5; MGC73130; zgc:73130; cops5; COP9 constitutive photomorphogenic homolog subunit 5