### bs-9125R

## [ Primary Antibody ]

# Bioss

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# COPS2 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD:** 9318 **SWISS:** P61201

Target: COPS2

**Immunogen:** KLH conjugated synthetic peptide derived from human

COPS2/TRIP15: 51-185/443.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** TRIP1-TRIP15 genes encode thyroid hormone receptor  $\beta$  (TR  $\beta$ )-

binding proteins. TRIP15, along with Cops2 and Alien comprise the second subunit (CSN2) of the COP9 signalosome (CSN), an eight-subunit complex with a variety of functions. CSN regulates Skp1-cullin-F-box protein (SCF) ubiquiting ligases by deconjugating Nedd8 from the Cul1 component of the SCF, and also associates with protein kinase activities targetting p53, c-Jun, and lkB. Consequently, inhibition of SCF ubiquitin ligase activity occurs, and cell cycle progression halts at the transition from G1 to S phase. TRIP15 contains an acidic region in the N terminus, a putative zinc finger in the C terminus, and a central hydrophobic core region flanked by 2 putative  $\alpha$ -helical structures and a nuclear

localization signal.

Applications: IHC-P (1:100-500)

**IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Mouse, Rat

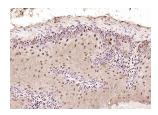
(predicted: Human, Pig,

Cow, Dog)

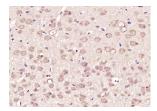
Predicted MW.: 51 kDa

**Subcellular Location:** Cytoplasm ,Nucleus

#### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (COPS2) Polyclonal Antibody, Unconjugated (bs-9125R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (COPS2) Polyclonal Antibody, Unconjugated (bs-9125R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.