

TRIP15 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
Applications	WB,IHC,IF,ELISA		
Reactivity	Human, Mouse, Rat, Monkey	1 mg/ml	51597
Dilution	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	TRIP15 Polyclonal Antibody detects endogenous levels of TRIP15 protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human COPS2. AA range:181-230		
Uniprot No	P61201		
Alternative names	COPS2; CSN2; TRIP15; COP9 signalosome complex subunit 2; SGN2; Signalosome subunit 2; Alien homolog; JAB1-containing signalosome subunit 2; Thyroid receptor-interacting protein 15; TR-interacting protein 15; TRIP-15		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>function: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, 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, c-jun/JUN, IκappaBα/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. Involved in early stage of neuronal differentiation via its interaction with NIF3L1.,PTM:Phosphorylated by CK2 and PKD kinases.,similarity:Belongs to the CSN2 family.,similarity:Contains 1 PCI domain.,subunit:Interacts with NIF3L1 (By similarity). Component of the CSN complex, composed of COPS1/GPS1, COPS2, COPS3, COPS4, COPS5, COP6, COPS7 (COPS7A or COPS7B) and COPS8. In the complex, it probably interacts directly with COPS1, COPS4, COPS5 COPS6 and COPS7 (COPS7A or COPS7B). Interacts with CUL1 and CUL2. Specifically interacts with the ligand binding domain of the thyroid receptor (TR). Does not require the presence of thyroid hormone for its interaction. Interacts with IRF8/ICSBP1 and with nuclear receptors NR2F1 and NR0B1..</p>		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

Trademarks

All product names and trademarks are the property of their respective owners.

Regulatory Disclaimer

For life science research only. Not for use in diagnostic procedures.

Contact and Support:

To ask questions, solve problems, suggest enhancements and report new applications, please visit our [Online Technical Support Site](#).

To call, write, fax, or email us, please visit www.aabsci.cn, contact information will be displayed.
