

TRIP15 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09208
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human COPS2. AA range:181-230
Mol wt	51597
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	TRIP15 Antibody
Synonyms	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 prot

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

COPS2 is an 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, IkappaBalpha/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. (refer to UniProt) Catalog#10969-2-AP is a rabbit polyclonal antibody raised against the full-length of human COPS2. The MW of this protein is 52 kDa, and this antibody specially recognises the 52 kDa protein.

Recommended Dilution

WB: 1: 500 - 1: 2000

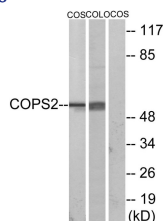
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

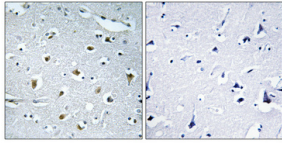
ELISA: 1: 20000

Not yet tested in other applications.

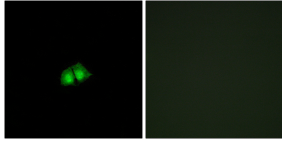
Images



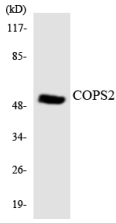
Western blot analysis of lysates from COS7 and COLO205 cells, using COPS2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of A549 cells, using COPS2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using COPS2 antibody.

Storage

-20°C for one year

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