

ARG63318 anti-COPS2 / TRIP15 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes COPS2 / TRIP15
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	COPS2 / TRIP15
Species	Human
Immunogen	C-LNSLNQAVVSKLA
Conjugation	Un-conjugated
Alternate Names	Alien homolog; Thyroid receptor-interacting protein 15; COP9 signalosome complex subunit 2; TR-interacting protein 15; SGN2; Signalosome subunit 2; JAB1-containing signalosome subunit 2; ALIEN; CSN2; TRIP-15; TRIP15

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

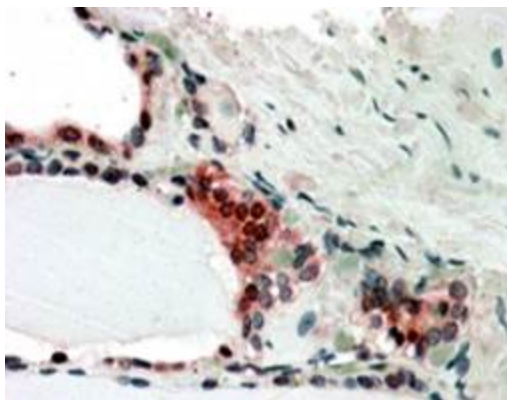
Database links	GeneID: 12848 Mouse GeneID: 9318 Human Swiss-port # P61201 Human Swiss-port # P61202 Mouse
Gene Symbol	COPS2
Gene Full Name	COP9 signalosome subunit 2
Function	Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. 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, 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. Involved in early stage of neuronal differentiation via its interaction with NIF3L1. [UniProt]
Research Area	Gene Regulation antibody; Signaling Transduction antibody
Calculated Mw	52 kDa
PTM	Phosphorylated by CK2 and PKD kinases.

Images



ARG63318 anti-COPS2 / TRIP15 antibody WB image

Western Blot: NIH-3T3 lysates (RIPA buffer, 30µg total protein per lane) stained with ARG63318 anti-COPS2 / TRIP15 antibody at 0.03 µg/ml dilution.



ARG63318 anti-COPS2 / TRIP15 antibody IHC-P image

Immunohistochemistry: In paraffin embedded Human Thyroid Gland stained with ARG63318 anti-COPS2 / TRIP15 antibody shows nuclear and cytoplasm staining in activated epithelial cells. Recommended concentration, 3-5 μ g/ml.