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COPS2 / TRIP15 / ALIEN Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17250

Specification

COPS2 / TRIP15 / ALIEN Antibody - Product Information

Application	**IHC-P, IF, WB**
Primary Accession	P61201
Other Accession	9318
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**51597**

COPS2 / TRIP15 / ALIEN Antibody - Additional Information

Gene ID 9318

Other Names
COPS2, Alien homolog, ALIEN, SGN2, TRIP15, TR-interacting protein 15, Signalosome subunit 2, TRIP-15

Target/Specificity
Human COPS2 / TRIP15 / ALIEN.

Reconstitution & Storage
PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions
COPS2 / TRIP15 / ALIEN Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

COPS2 / TRIP15 / ALIEN Antibody - Protein Information

Name COPS2

Synonyms CSN2, TRIP15

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.

Cellular Location
Cytoplasm. Nucleus

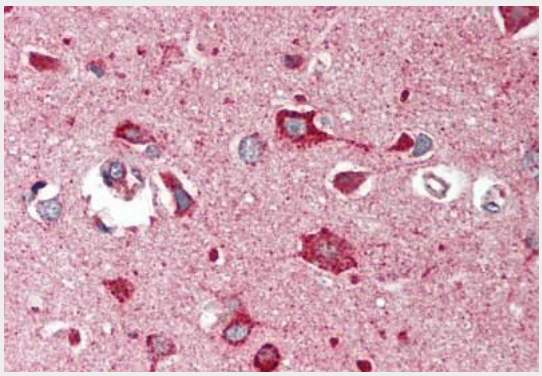
Volume
50 µl

COPS2 / TRIP15 / ALIEN Antibody - Protocols

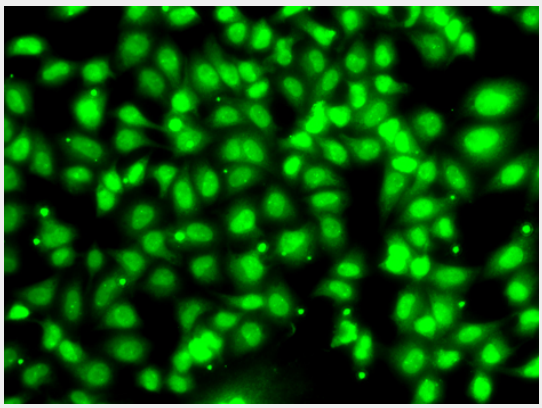
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

COPS2 / TRIP15 / ALIEN Antibody - Images

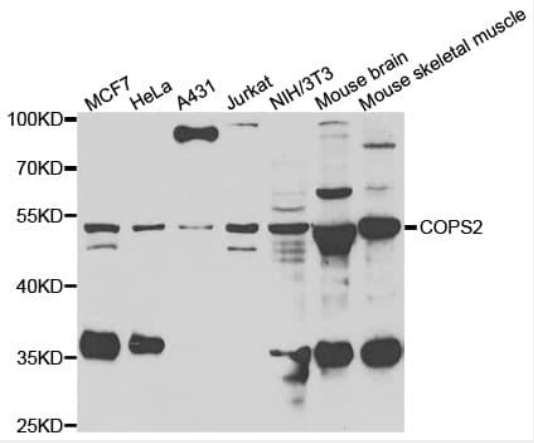


Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence blot of U20S cell using COPS2 antibody.

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Western blot analysis of extracts of various cell lines, using COPS2 antibody.

COPS2 / TRIP15 / ALIEN Antibody - Background

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COPS2 / TRIP15 / ALIEN Antibody - References

Dumdey R.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
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Lee J.W.,et al.Mol. Endocrinol. 9:243-254(1995).