

Product Name: KD-Validated COPS8 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01667**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 23.2kDa

Antigen Information

Gene Name	COPS8
Alternative Names	COPS8; COP9 Signalosome Subunit 8; CSN8; SGN8; COP9; JAB1-Containing Signalosome Subunit 8; COP9 Signalosome Complex Subunit 8; Signalosome Subunit 8; COP9 Homolog; MGC1297; COP9 Constitutive Photomorphogenic Homolog Subunit 8 (Arabidopsis); COP9 Constitutive Photomorphogenic Homolog Subunit 8; HCOP9
Gene ID	10920.0
SwissProt ID	Q99627
Immunogen	A synthesized peptide derived from human CSN8

Background

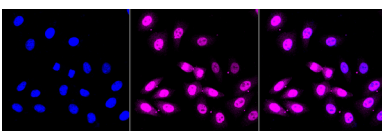
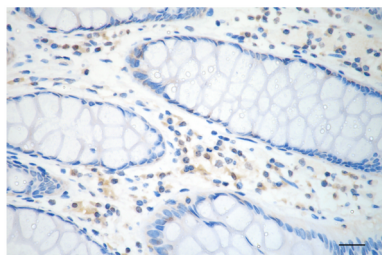
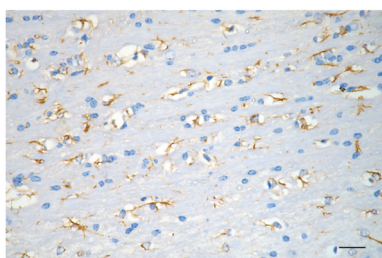
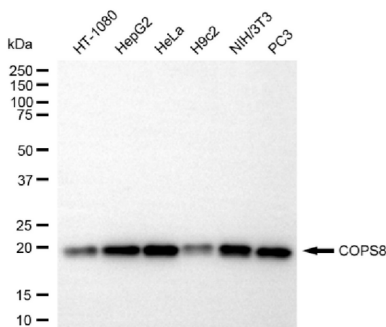
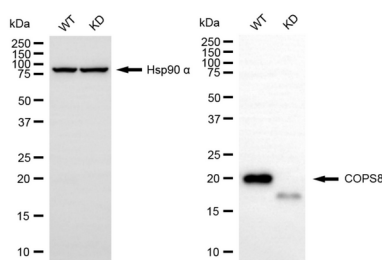
The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that

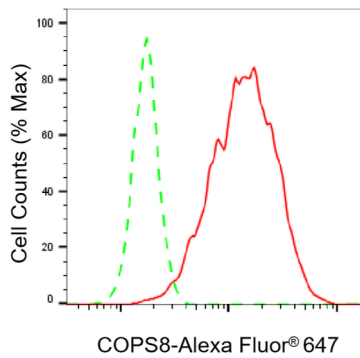
functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Research Area

Immunology, Cell Biology, Signal Transduction, Stem Cells, Developmental Biology

Image Data





Flow cytometric analysis of COPS8 expression in HepG2 cells using COPS8 antibody (KVA01667, 1:2,000). Green, isotype control; red, COPS8.