Product datasheet for AP51025PU-N

COPS8 (N-term) Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	**ELISA**: 1/1000. **Western blot:** 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human COPS8
Specificity:	This antibody reacts to COPS8.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23226 Da
Gene Name:	COP9 signalosome subunit 8
Database Link:	Entrez Gene 10920 Human Q99627

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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.

Synonyms: Signalosome subunit 8, SGN8, CSN8

Product images:
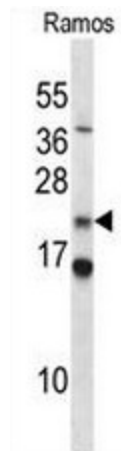
COPS8 Antibody (N-term) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the COPS8 antibody detected the COPS8 protein (arrow).