

Rat COP9 signalosome complex subunit 3 (COPS3) ELISA Kit | COPS3 elisa kit

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CATALOG #
AAA245401

REACTIVITY
Rat

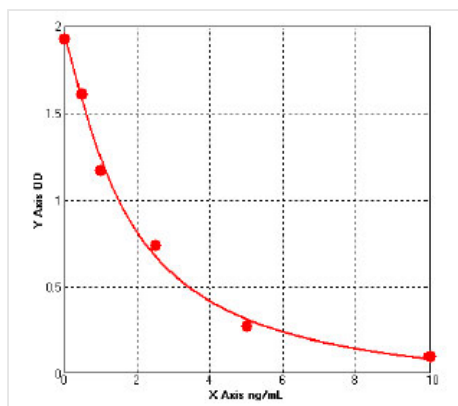
PRODUCT SYNONYMS

COP9 signalosome complex subunit 3 (COPS3); Rat COP9 signalosome complex subunit 3 (COPS3) ELISA Kit; COPS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of COPS3. No significant cross-reactivity or interference between COPS3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between COPS3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COPS3 elisa kit	Principle of the Assay: COPS3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COPS3 antibody and an COPS3-HRP conjugate. The assay sample and buffer are incubated together with COPS3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the COPS3 concentration since COPS3 from samples and COPS3-HRP conjugate compete for the anti-COPS3 antibody binding site. Since the number of sites is limited, as more sites are occupied by COPS3 from the sample, fewer sites are left to bind COPS3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COPS3 concentration in each sample is interpolated from this standard curve. Intended Uses: This COPS3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat COPS3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for COPS3 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	23238222
NCBI GeneID	8533
NCBI Accession #	NP_003644.2
NCBI GenBank Nucleotide #	NM_003653.3
Molecular Weight	45,727 Da
NCBI Official Full Name	COP9 signalosome complex subunit 3 isoform 1
NCBI Official Synonym Full Names	COP9 signalosome subunit 3
NCBI Official Symbol	COPS3
NCBI Official Synonym Symbols	CSN3; SGN3
NCBI Protein Information	COP9 signalosome complex subunit 3; signalosome subunit 3; COP9 complex subunit 3; JAB1-containing signalosome subunit 3; COP9 constitutive photomorphogenic homolog subunit 3
UniProt Protein Name	COP9 signalosome complex subunit 3
UniProt Gene Name	COPS3
UniProt Synonym Gene Names	CSN3; SGN3; Signalosome subunit 3
UniProt Entry Name	CSN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cop9-signalosome-complex-subunit-3-cops3/245401>