

Rat Anaphase-promoting complex subunit 5 (ANAPC5) ELISA Kit | ANAPC5 elisa kit

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CATALOG #
AAA246788

REACTIVITY
Rat

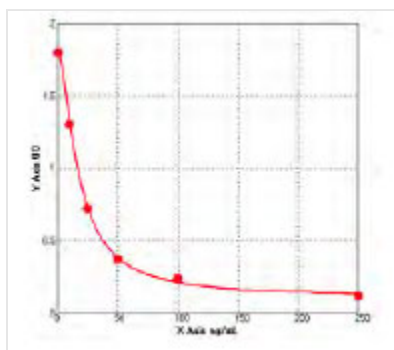
PRODUCT SYNONYMS

Anaphase-promoting complex subunit 5 (ANAPC5); Rat Anaphase-promoting complex subunit 5 (ANAPC5) ELISA Kit; ANAPC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ANAPC5. No significant cross-reactivity or interference between ANAPC5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANAPC5 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANAPC5 elisa kit	Intended Uses: This ANAPC5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ANAPC5. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ANAPC5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANAPC5 antibody and an ANAPC5-HRP conjugate. The assay sample and buffer are incubated together with ANAPC5-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 ANAPC5 concentration since ANAPC5 from samples and ANAPC5-HRP conjugate compete for the anti-ANAPC5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANAPC5 from the sample, fewer sites are left to bind ANAPC5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANAPC5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANAPC5 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	213385323
NCBI GeneID	51433
NCBI Accession #	NP_001131031.1
NCBI GenBank Nucleotide #	NM_001137559.1
Molecular Weight	72,526 Da
NCBI Official Full Name	anaphase-promoting complex subunit 5 isoform b
NCBI Official Synonym Full Names	anaphase promoting complex subunit 5
NCBI Official Symbol	ANAPC5
NCBI Official Synonym Symbols	APC5
NCBI Protein Information	anaphase-promoting complex subunit 5; cyclosome subunit 5
UniProt Protein Name	Anaphase-promoting complex subunit 5
UniProt Gene Name	ANAPC5
UniProt Synonym Gene Names	APC5; APC5
UniProt Entry Name	APC5_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/anaphase-promoting-complex-subunit-5-anapc5/246788>