

Rabbit ANAPC2 Polyclonal Antibody | anti-ANAPC2 antibody

ANAPC2 Antibody (C-term)

CATALOG # AAA283720	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

ANAPC2; Polyclonal Antibody; ANAPC2 Antibody (C-term); Anaphase-promoting complex subunit 2; APC2; Cyclosome subunit 2; KIAA1406; anti-ANAPC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANAPC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 712-746 amino acids from the C-terminal region of human ANAPC2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	822
Applicable Applications for anti-ANAPC2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from human testis tissue lysate, using ANAPC2 Antibody (C-term). AAA283720 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. thymus section using ANAPC2 Antibody (C-term). AAA283720 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC2 antibody	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. The CDC20-APC/C complex positively regulates the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. CDC20-APC/C-induced degradation of NEUROD2 drives presynaptic differentiation.
Product Categories/Family for anti-ANAPC2 antibody	Crown Antibodies; Cell Biology; Developmental Biology; Neuroscience; Signal Transduction; Stem Cells
References	Yu H.,et al.Science 279:1219-1222(1998). Humphray S.J.,et al.Nature 429:369-374(2004). Nagase T.,et al.DNA Res. 7:65-73(2000). Nakajima D.,et al.DNA Res. 9:99-106(2002). Tang Z.,et al.Mol. Biol. Cell 12:3839-3851(2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019327
NCBI GeneID	29882
NCBI Accession #	NP_037498.1
NCBI GenBank Nucleotide #	NM_013366.3
UniProt Accession #	Q9UJX6; Q5VSG1; Q96DG5; Q96GG4; Q9P2E1
Molecular Weight	93828
NCBI Official Full Name	anaphase-promoting complex subunit 2
NCBI Official Synonym Full Names	anaphase promoting complex subunit 2
NCBI Official Symbol	ANAPC2
NCBI Official Synonym Symbols	APC2
NCBI Protein Information	anaphase-promoting complex subunit 2
UniProt Protein Name	Anaphase-promoting complex subunit 2
UniProt Gene Name	ANAPC2
UniProt Synonym Gene Names	APC2; KIAA1406; APC2
UniProt Entry Name	ANC2_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.