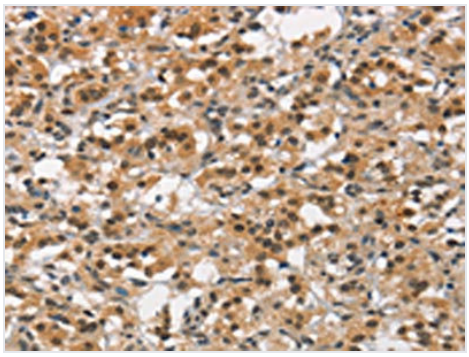
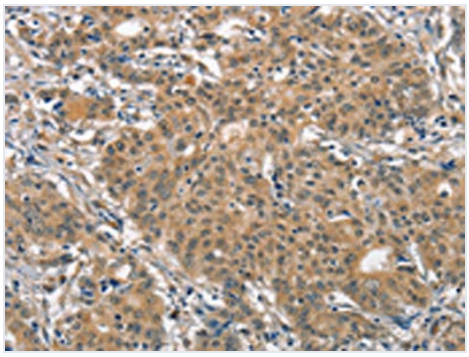
ANAPC4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ANAPC4, Polyclonal Antibody
Full Product Name	ANAPC4 Antibody
Product Gene Name	anti-ANAPC4 antibody
Product Synonym Names	anaphase promoting complex subunit 4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	92,216 Da
OMIM	606947
3D Structure	ModBase 3D Structure for Q9UJX5
Immunogen	Synthetic peptide of human ANAPC4
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-ANAPC4 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ANAPC4 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-ANAPC4 antibody	ELISA: 1:2000-1:5000 IHC: 1:25-1:100
Related Product Information for anti-ANAPC4 antibody	MBS7127851 is an antibody targeting ANAPC4. Also known as ANAPC4 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-ANAPC4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-ANAPC4 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7127851(ANAPC4 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-ANAPC4 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using MBS7127851(ANAPC4 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANAPC4. It may not necessarily be applicable to this product.

NCBI GI #	205371737
NCBI GeneID	29945
NCBI Accession #	Q9UJX5.2
UniProt Primary Accession #	Q9UJX5
UniProt Secondary Accession #	Q6PCC6; Q9NSH6; A8K8H1; E9PCR4
UniProt Related Accession #	Q9UJX5
NCBI Official Full Name	Anaphase-promoting complex subunit 4
NCBI Official Synonym Full Names	anaphase promoting complex subunit 4
NCBI Official Symbol	ANAPC4
NCBI Official Synonym Symbols	APC4
UniProt Protein Name	Anaphase-promoting complex subunit 4
UniProt Synonym Protein Names	Cyclosome subunit 4
UniProt Gene Name	ANAPC4
UniProt Synonym Gene Names	APC4; APC4
UniProt Entry Name	APC4_HUMAN
NCBI Protein Information	anaphase-promoting complex subunit 4; cyclosome subunit 4
NCBI Summary for ANAPC4	A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The exact function of this gene product is not known. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]

UniProt Comments for ANAPC4	APC4: 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. Belongs to the APC4 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin conjugating system Chromosomal Location of Human Ortholog: 4p15.2 Cellular Component: nucleoplasm; anaphase-promoting complex; nucleus; cytosol Molecular Function: protein binding; ubiquitin-protein ligase activity; protein phosphatase binding Biological Process: positive regulation of ubiquitin-protein ligase activity during mitotic cell cycle; mitosis; negative regulation of ubiquitin-protein ligase activity during mitotic cell cycle; regulation of ubiquitin-protein ligase activity during mitotic cell cycle; cell division; anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic process; mitotic cell cycle spindle assembly checkpoint; mitotic cell cycle
Research Articles on ANAPC4	**1.** Inactivation and disassembly of the anaphase-promoting complex during human cytomegalovirus infection is associated with degradation of the APC5 and APC4 subunits and does not require UL97-mediated phosphorylation of Cdh1.
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