ANAPC15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ANAPC15, Polyclonal Antibody
Full Product Name	ANAPC15 Conjugated Antibody
Product Gene Name	anti-ANAPC15 antibody
Product Synonym Names	APC15; HSPC020; C11orf51
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total ANAPC15 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	13kDa
OMIM	614717
3D Structure	ModBase 3D Structure for P60006
Immunogen	Synthetic peptide of human ANAPC15
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-ANAPC15 antibody	Most Applications
Application Notes for anti-ANAPC15 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-ANAPC15 antibody	ANAPC15 is a 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. In the complex, it plays a role in the release of the mitotic checkpoint complex (MCC) from the APC/C: not required for APC/C activity itself, but promotes the turnover of CDC20 and MCC on the APC/C, thereby participating to the responsiveness of the spindle assembly checkpoint. It is also required for degradation of CDC20.
Other Notes	Small volumes of anti-ANAPC15 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.
Searchable Terms for ANAPC15 purchase	MBS9452103 is an antibody targeting ANAPC15. Also known as ANAPC15 Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANAPC15. It may not necessarily be applicable to this product.

NCBI GI #	7661622
NCBI GeneID	25906
NCBI Accession #	NP_054761
UniProt Primary Accession #	P60006
UniProt Related Accession #	P60006
GenBank Nucleotide #	NM_014042
NCBI Official Full Name	anaphase-promoting complex subunit 15 isoform b
NCBI Official Synonym Full Names	anaphase promoting complex subunit 15
NCBI Official Symbol	ANAPC15
NCBI Official Synonym Symbols	APC15; HSPC020; C11orf51
UniProt Protein Name	Anaphase-promoting complex subunit 15
UniProt Gene Name	ANAPC15
UniProt Synonym Gene Names	C11orf51; APC15
UniProt Entry Name	APC15_HUMAN
NCBI Protein Information	anaphase-promoting complex subunit 15
UniProt Comments for ANAPC15	APC15: 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. In the complex, plays a role in the release of the mitotic checkpoint complex (MCC) from the APC/C: not required for APC/C activity itself, but promotes the turnover of CDC20 and MCC on the APC/C, thereby participating to the responsiveness of the spindle assembly checkpoint. Also required for degradation of CDC20. Belongs to the APC15 family. Chromosomal Location of Human Ortholog: 11q13.4 Cellular Component: anaphase-promoting complex; cytosol; intracellular; nucleoplasm Biological Process: anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic process; cell division; mitosis; mitotic cell cycle; mitotic cell cycle spindle assembly checkpoint; negative regulation of ubiquitin-protein ligase activity during mitotic cell cycle; positive regulation of ubiquitin-protein ligase activity during mitotic cell cycle; regulation of ubiquitin-protein ligase activity during mitotic cell cycle
Research Articles on ANAPC15	**1.** cryo-EM structure of an APC/C-Cdh1 complex with Apc1(WD40) deleted showed that the mutant APC/C is locked into an inactive conformation in which the UbcH10-binding site of the catalytic module is inaccessible. Additionally, an EM density for Apc15 is not visible
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