

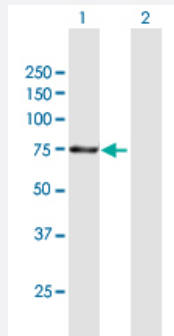
MaxPab®

ANAPC5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051433-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ANAPC5 expression in transfected 293T cell line ([H00051433-T01](#)) by ANAPC5 MaxPab polyclonal antibody.

Lane 1: ANAPC5 transfected lysate(83.05 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ANAPC5 protein.

Immunogen

ANAPC5 (NP_057321.2, 1 a.a. ~ 755 a.a) full-length human protein.

Sequence

MASVHESLYFNPMMTNGVVHANVFGIKDWVTPYKIAVLVLLNEMSRTEGAVSLMERRRLNQLLL
 PLLQGPDITLSKLYKLIEESCPQLANSVQIRIKLMAEGELKDMEQFFDDLSDSFSGTEPEVHKTSV
 VGLFLRHMLAYSLSFSQVFKEYLTALQQYFQNGEKKTVEDADMELTSRDEGERKMEKEELDVS
 REEEVSCSGPLSQKQAEFFLSQQASLLKNDETALTPASLQKELNNLLKFNPDAEAHYLSYNN
 LRVQDVFSSTHSLHYFDRILITGAESKSNGEEGYGRSLRYAALNLAALHCRFGHYQQAELALQE
 AIRAQESNDHVCLQHCLSWLYVLGQKRSDSYLLEHSVKKAVHFGLPYASLGIQSLVQQRAFAG
 KTANKLMDALKDSDLLHWKHSLSLIDISIAQKTAWRLYGRSTMALQQAQMLLSMNSLEAVNAGV
 QQNNTESFAVALCHLAELHAEQGCFAAASEVLKHLKERFPPNSQHAQLWMLCDQKIQFDRAMN
 DGKYHLADSLVTGITALNSIEGVYRKAVVLQAQNMSEAHKLLQKLLVHCQKLKNTMVISVLLSV
 AELYWRSSPTIALPMLLQALALSKEYRLQYLASETVLNLAFAQLILGIPEQALSLLHMAIEPILADGA
 ILDKGRAMFLVAKCQVASAASYDQPKKAEALEAAIENLNEAKNYFAKVDCKERIRDVVYFQARLY
 HTLGKTQERNRCAMLFRQLHQELPSHGVPILNHL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (94); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ANAPC5

Entrez GeneID	51433
GeneBank Accession#	NM_016237
Protein Accession#	NP_057321.2
Gene Name	ANAPC5
Gene Alias	APC5
Gene Description	anaphase promoting complex subunit 5
Omim ID	606948
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq]
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Other Designations

anaphase-promoting complex subunit 5|cyclosome subunit 5

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)