

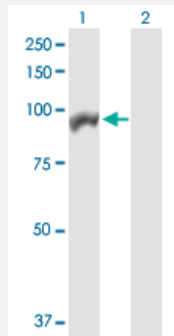
MaxPab®

# ANAPC4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00029945-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of ANAPC4 expression in transfected 293T cell line ([H00029945-T02](#)) by ANAPC4 MaxPab polyclonal antibody.

Lane 1: ANAPC4 transfected lysate (92.10 kDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human ANAPC4 protein.

### Immunogen

ANAPC4 (NP\_037499.2, 1 a.a. ~ 808 a.a) full-length human protein.

### Sequence

MLRFPTCFPSFRVVGEKQLPQEIIFLVWSPKRDIALANTAGEVLLHRLASFHRVWSFPPNENTGK  
EVTCLAWRPDGKLLAFALADTKKIVLCDVEKPESLHSFSVEAPVSCMHWMEVTVESSVLTSFYN  
AEDESNLLLPKLPTLPKNYSNTSKIFSEENSDEIKLLGDVRLNILVLGGSSGFIELYAYGMFKIARVT  
GIAGTCLALCLSSDLKSLSVVTEVSTNGASEVSYFQLETNLLYSFLPEVTRMARKFTTHISALLQYINL  
SLTCMCEAWEEILMQMDSRLTKFVQEKNTTTSVQDEFMHLLWKGASAEQLTLLMNQLTVKGLK  
KLGQSISSYSSIQKLVISHLQSGSESLLYHLSELKGMASWKQKYEPLGLDAAGIEEAITAVGSFILK  
ANELLQVIDSSMKNFKAFFRWLYVAMLRMTEDHVLPELNKMTQKDITFAEFLTEHFNEAPDLYN  
RKGKYFNVERVGQYLKDEDDDLVSPNTEGNQWYDFLQNSSHLKESPLLFPYYPRKSLHFVKRR  
MENIIDQCLQKPADVIGKSMNQAICIPLYRDRSEDSTRRLFKFPFLWNNKTSNLHYLLFTILEDLSLY  
KMCILRRHTDISQSVSNGLIAIKFGSFTYATTEKVRRSIYSCLDQAQFYDDETDTVVLKDTVGREGRD  
RLLVQLPLSLVYNSEDSAEYQFTGTYSTRLDEQCSAIPTRTMHFEKHWRLLESMAQYVAGNGFR  
KVSCVLSSNLRHVRVFEMDIDDEWELDESSDEEEEEEASNKPVKIKEEVLSESEAEENQQAGAAALA  
PEIVKVEKLDPELDS

### Host

Rabbit

### Reactivity

Human

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| 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 — ANAPC4

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">29945</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| GeneBank Accession# | <a href="#">NM_013367</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Accession#  | <a href="#">NP_037499.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Name           | ANAPC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Alias          | APC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Description    | anaphase promoting complex subunit 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Omim ID             | <a href="#">606947</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Summary        | 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. [provided by RefSeq] |
| Other Designations  | anaphase-promoting complex subunit 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Pathway

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