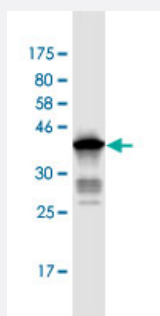


# ANAPC2 monoclonal antibody (M02), clone 7F2

Catalog # H00029882-M02

Size 100 ug

## Applications



Western Blot detection against Immunogen (37.51 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ANAPC2.
<b>Immunogen</b>	ANAPC2 (NP_037498, 716 a.a. ~ 822 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	IEEERPQDRDNMVLIDSDDES DSGMASQADQKEEELLLFWTYQAML TNLESLSLDRIYNMLRMF VVTGPALAEIDLQELQGYLQKKVRDQQLVYSAGVYRLPKNCS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (95)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ANAPC2

Entrez GeneID [29882](#)

GeneBank Accession# [NM\\_013366](#)

Protein Accession# [NP\\_037498](#)

Gene Name ANAPC2

Gene Alias APC2, RP11-350O14.5

Gene Description anaphase promoting complex subunit 2

Omim ID [606946](#)

Gene Ontology [Hyperlink](#)

**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 product of this gene is a component of the complex and shares sequence similarity with a recently identified family of proteins called cullins, which may also be involved in ubiquitin-mediated degradation. [provided by RefSeq]

**Other Designations** OTTHUMP00000022692|anaphase-promoting complex subunit 2

## Pathway

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