Mouse ANAPC2 Monoclonal Antibody | anti-ANAPC2 antibody

ANAPC2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74822	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ANAPC2; Monoclonal Antibody; ANAPC2 antibody; Monoclonal ANAPC2; Anti-ANAPC2; Anaphase promoting complex subunit 2; APC2; KIAA1406; Cyclosome subunit 2; ANAPC 2; ANAPC-2; anti-ANAPC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H8
Purity/Purification	ANAPC2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	822
Applicable Applications for anti-ANAPC2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphasetransition by ubiquitin ating its specific substrates such as mitotic cyclins and anaphase inhibitor, which aresubsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eightsubunits. The composition of the APC is highly conserved in organisms from yeast to humans. ANAPC2 is a component of the complex and shares sequence similarity with a recently identified family of proteins calledcullins, which may also be involved in ubiquitin-mediated degradation.
Cross-Reactivity	Human, Rat, Mouse
Immunogen	ANAPC2 antibody was raised in mouse using a full length recombinant protein of human ANAPC2 (NP_037498) produced in HEk293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant ANAPC2 protein using ANAPC2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ANAPC2 protein (Right) or empty vector (Left) detected with ANAPC2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC2 antibody	Mouse monoclonal ANAPC2 antibody
Product Categories/Family for anti-ANAPC2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019327
NCBI GeneID	29882
NCBI Accession #	NP_037498
NCBI GenBank Nucleotide #	NM_013366.3
UniProt Accession #	Q9UJX6; Q5VSG1; Q96DG5; Q96GG4; Q9P2E1
Molecular Weight	93,469 Da
NCBI Official Full Name	anaphase-promoting complex subunit 2
NCBI Official Synonym Full Names	anaphase promoting complex subunit 2
NCBI Official Symbol	ANAPC2
NCBI Official Synonym Symbols	APC2
NCBI Protein Information	anaphase-promoting complex subunit 2
UniProt Protein Name	Anaphase-promoting complex subunit 2
UniProt Gene Name	**ANAPC2**
UniProt Synonym Gene Names	APC2; KIAA1406; APC2
UniProt Entry Name	ANC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/anapc2-antibody-clone-1h8-western-blot-immunofluorescence-flow-cytometry-elisa/74822