

Rabbit anti-Human, Mouse APC1 Polyclonal Antibody | anti-APC1 antibody

APC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305521	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

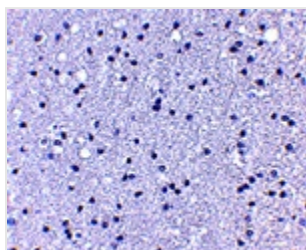
PRODUCT SYNONYMS

APC1; Polyclonal Antibody; APC1 Antibody; Anaphase promoting complex 1; ANAPC1; MCPR; TSG24; anti-APC1 antibody

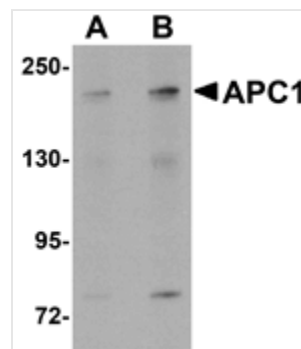
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1944
Applicable Applications for anti-APC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human APC1.
Target Name	APC1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of APC1 in human brain tissue with APC1 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of APC1 in SK-N-SH cell lysate with APC1 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-APC1 antibody	Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC1, also known as mitotic checkpoint regulator (MCPR), is a highly conserved 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. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex.
Product Categories/Family for anti-APC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12056971
NCBI GeneID	64682
NCBI Accession #	NP_073153.1
NCBI GenBank Nucleotide #	NM_022662.3
UniProt Accession #	Q9H1A4; Q2M3H8; Q9BSE6; Q9H8D0
Molecular Weight	216,500 Da
NCBI Official Full Name	anaphase-promoting complex subunit 1
NCBI Official Synonym Full Names	anaphase promoting complex subunit 1
NCBI Official Symbol	ANAPC1
NCBI Official Synonym Symbols	APC1; MCPR; TSG24
NCBI Protein Information	anaphase-promoting complex subunit 1
UniProt Protein Name	Anaphase-promoting complex subunit 1
UniProt Gene Name	ANAPC1
UniProt Synonym Gene Names	TSG24; APC1
UniProt Entry Name	APC1_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/polyclonal/apc1-antibody-immunohistochemistry-western-blot-elisa/305521>