

Rabbit APC10 Polyclonal Antibody | anti-ANAPC10 antibody

APC10 Antibody

CATALOG # AAA40258	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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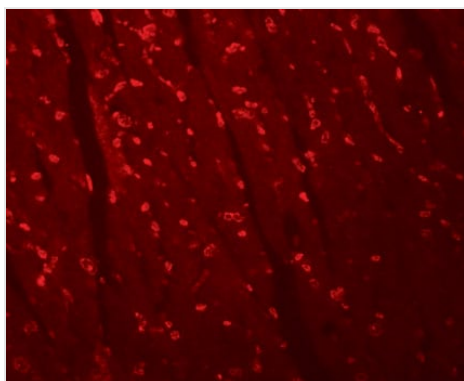
PRODUCT SYNONYMS

APC10; Polyclonal Antibody; APC10 Antibody; DOC1; Anaphase-promoting complex subunit 10; Cyclosome subunit 10; anti-ANAPC10 antibody

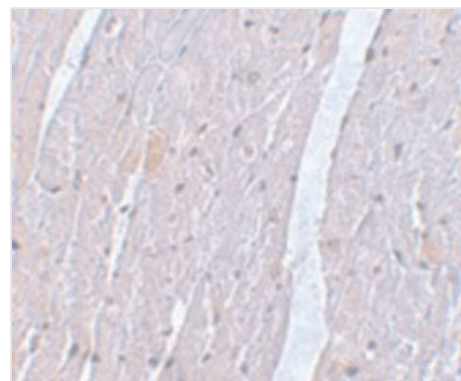
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APC10 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; APC10 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	223
Applicable Applications for anti-ANAPC10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	The immunogen is located within amino acids 60-110 of APC10.
Homology	Predicted species reactivity based on immunogen sequence: Brovine: 100%
Positive Control	Heart Tissue Lysates
Preparation and Storage	APC10 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.

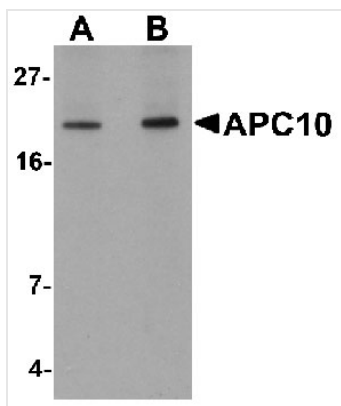
IMAGES


IF (Immunofluorescence)

Immunofluorescence of APC10 in mouse heart tissue with APC10 antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of APC10 in mouse heart tissue with APC10 antibody at 5 µg/mL.



WB (Western Blot)
APC10 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ANAPC10 antibody

APC10 Antibody: Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC10 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. It has been suggested that APC10 plays a role to regulate the binding of specific substrates to the APC/C complex, similar to that of coactivators.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119625457
NCBI GeneID	10393
UniProt Accession #	Q9UM13; Q2V500; Q9UG51; Q9Y5R0; D3DNZ7
Molecular Weight	21,252 Da
NCBI Official Full Name	anaphase promoting complex subunit 10, isoform CRA_b
NCBI Official Synonym Full Names	anaphase promoting complex subunit 10
NCBI Official Symbol	ANAPC10
NCBI Official Synonym Symbols	DOC1; APC10
NCBI Protein Information	anaphase-promoting complex subunit 10; cyclosome subunit 10
UniProt Protein Name	Anaphase-promoting complex subunit 10
UniProt Gene Name	ANAPC10
UniProt Synonym Gene Names	APC10; APC10
UniProt Entry Name	APC10_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/apc10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40258>