

APC3 Antibody

Catalog No: #25102

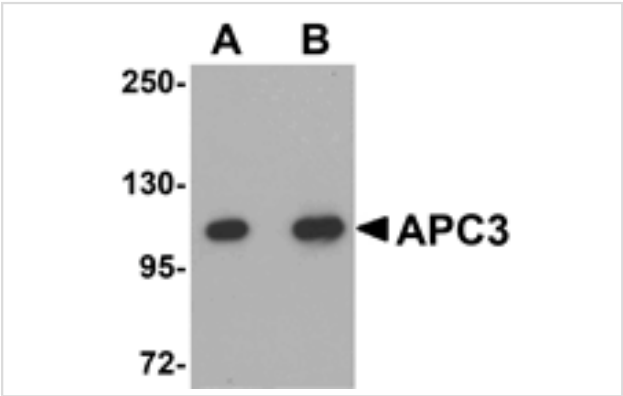


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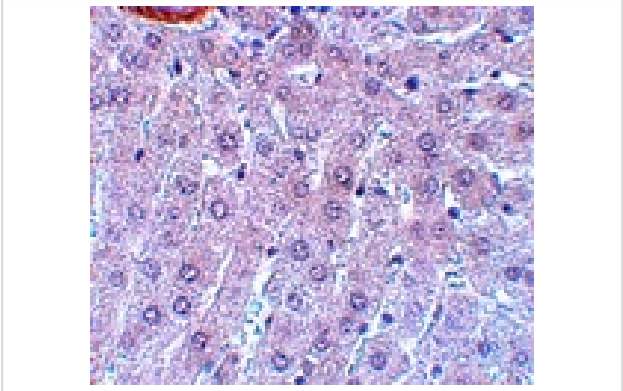
Description

Product Name	APC3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the carboxy terminus of human APC3.
Target Name	APC3
Other Names	Anaphase promoting complex 3, cell division cycle 27, CDC27, D0S1430E, HNUC
Accession No.	Swiss-Prot:P30260Gene ID:996
Uniprot	P30260
GeneID	996;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



Western blot analysis of APC3 in mouse liver tissue lysate with APC3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of APC3 in rat liver tissue with APC3 antibody at 5 ug/mL.

Background

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC3, also known as CDC27, a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), is 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. APC3 contains a tetratricopeptide repeat (TPR) region and interacts with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1.

Note: This product is for in vitro research use only