10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-APC (C-terminal region) Antibody
Catalog # AN1633

Specification

Anti-APC (C-terminal region) Antibody - Product Information

Application	**WB**
Primary Accession	Q61315
Reactivity	**Bovine**
Host	**Rat**
Clonality	**Rat Monoclonal**
Isotype	**IgG2a**
Calculated MW	**311089**

Anti-APC (C-terminal region) Antibody - Additional Information

Other Names
adenomatous polyposis coli, mAPC, Deleted in polyposis, DP2.5, Microtubule

Target/Specificity
The microtubule (MT) plus-end is a crucial site for the regulation of MT dynamics and MT association with organelles by several groups of plus-end tracking proteins (+TIPs). These +TIPs form comet-like accumulations at the plus ends of MTs to regulate MT dynamics and interactions. The +TIPs include diverse groups of proteins, such as motor and nonmotor proteins, MT polymerases and depolymerases as well as various regulatory and adaptor proteins. One group of +TIPs include proteins with basic and serine-rich motifs (SxIP motifs) that mediate interaction between MTs and EB proteins. Adenomatous polyposis coli (APC), MACF, and STM1 are a group of the SxIP motif-containing proteins. APC protein is a large multidomain tumor suppresor protein that has important roles in Wnt signaling, as well as several other cell functions including cell migration, spindle assembly, chromosome segregation, neuronal differentiation, apoptosis, and MT stabilization. APC interaction with EB proteins through its SxIP motif promotes interaction with MTs leading to stabilization and increased polymerization.

Dilution
WB~~1:1000

Format
Protein G Purified

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-APC (C-terminal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

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Anti-APC (C-terminal region) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-APC (C-terminal region) Antibody - Images

Anti-APC (C-terminal region) Antibody - Background

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