

Datasheet for ABIN702550
anti-APC antibody (AA 2751-2843)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	APC
Binding Specificity:	AA 2751-2843
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human APC
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	APC
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Target Details

Alternative Name:	Adenomatous Polyposis Coli (APC Products)
Background:	<p>Synonyms: GS, DP2, DP3, BTPS2, DP2.5, PPP1R46, Adenomatous polyposis coli protein, Protein APC, Deleted in polyposis 2.5, APC</p> <p>Background: Tumor suppressor. Promotes rapid degradation of CTNNB1 and participates in Wnt signaling as a negative regulator. APC activity is correlated with its phosphorylation state. Activates the GEF activity of SPATA13 and ARHGEF4. Plays a role in hepatocyte growth factor (HGF)-induced cell migration. Required for MMP9 up-regulation via the JNK signaling pathway in colorectal tumor cells. Acts as a mediator of ERBB2-dependent stabilization of microtubules at the cell cortex. It is required for the localization of MACF1 to the cell membrane and this localization of MACF1 is critical for its function in microtubule stabilization.</p>
Gene ID:	324
UniProt:	P25054
Pathways:	WNT Signaling , Stem Cell Maintenance , Cell-Cell Junction Organization

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

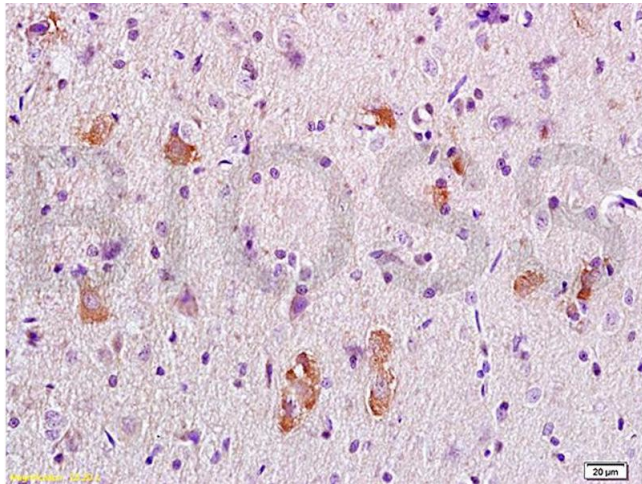
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

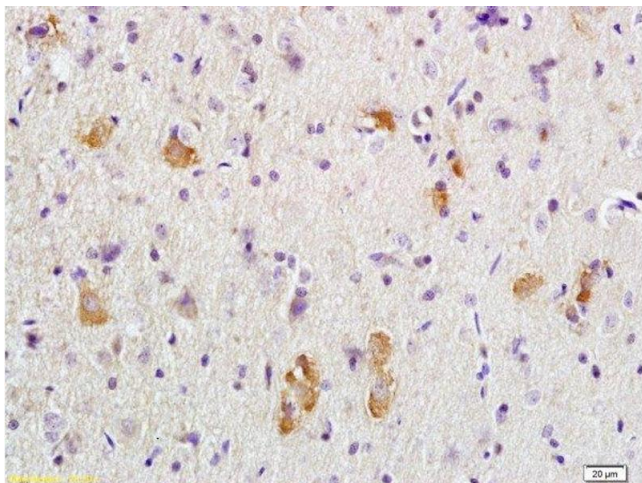
Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-APC/Adenomatous Polyposis Coli Polyclonal Antibody, Unconjugated (ABIN702550) at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-APC/Adenomatous Polyposis Coli Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody, (SP-0023), and DAB staining