

Datasheet for ABIN1531521
anti-APC antibody (pSer2054)



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2 Images

Overview

Quantity:	100 µL
Target:	APC
Binding Specificity:	AA 2020-2069, pSer2054
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human APC around the phosphorylation site of Ser2054.
Isotype:	IgG
Specificity:	APC (Phospho-Ser2054) Antibody detects endogenous levels of APC only when phosphorylated at Ser2054. PhosphorylationH:S2054>
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

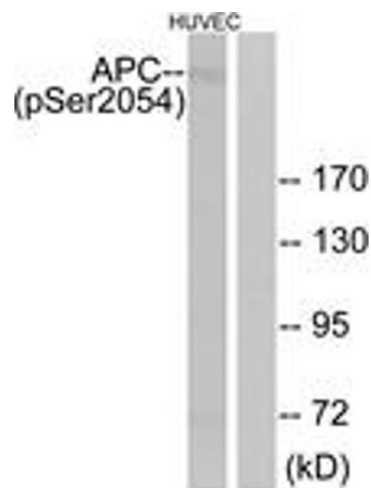
Target:	APC
Alternative Name:	APC (APC Products)
Background:	Synonyms: Adenomatous polyposis coli protein, adenomatous polyposis of the colon gene, APC, APC protein, DP2.5, mAPC NCBI Gene Symbol: APC
Molecular Weight:	311 kDa
Gene ID:	324
OMIM:	135290
UniProt:	P25054
Pathways:	WNT Signaling , Stem Cell Maintenance , Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.158932 (NCBI Gene Symbol: APC)
Restrictions:	For Research Use only

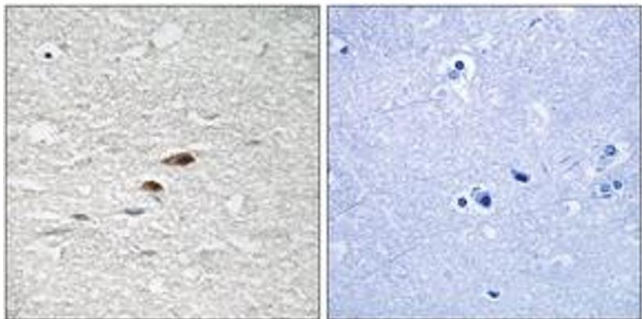
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells treated with PMA 125ng/ml 30', using APC (Phospho-Ser2054) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using APC (Phospho-Ser2054) Antibody. The picture on the right is treated with the synthesized peptide.