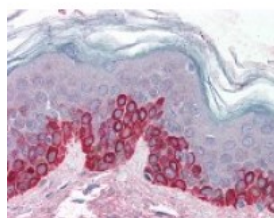




APC2 Antibody

CATALOG NUMBER: 49-382



Immunohistochemistry staining of APC2 in skin tissue using APC2 Antibody.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, IP, WB
APPLICATIONS:	APC2 antibody can be used in ELISA starting at 1:000 - 1:1000, and immunohistochemistry starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	APC2 antibody was raised against amino acids 810 - 822 of APC2 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Sterile Filtration
PHYSICAL STATE:	Liquid
BUFFER:	0.01% sodium azide.
STORAGE CONDITIONS:	Store APC2 antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	APC2, Adenomatosis polyposis coli 2, APC-like, APCL
ACCESSION NO.:	O95996
PROTEIN GI NO.:	74722250
OFFICIAL SYMBOL:	APC2
GENE ID:	10297

Background

BACKGROUND: APC2, also known as Anaphase promoting complex subunit 2, APC2, Cyclosome subunit 2, and ANAPC2, is a 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. The APC/cyclosome protein complex promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic

cyclins and anaphase inhibitors, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains at least eleven subunits. The composition of APC is highly conserved in organisms from yeast to humans. APC2 is a cullin family member that interacts through the cullin domain with ANAPC11 and UBC10.

FOR RESEARCH USE ONLY

December 13, 2016