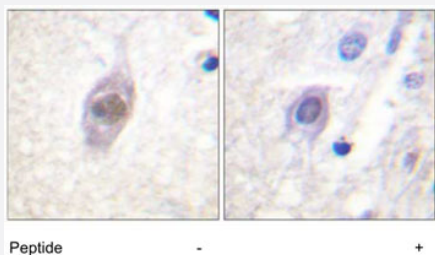


APC polyclonal antibody

Catalog # PAB18087 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using APC polyclonal antibody (Cat # PAB18087).

Peptide "+" means "with peptide blocking".

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of APC.

Immunogen A synthetic peptide corresponding to human APC.

Host Rabbit

Reactivity Human

Specificity This antibody is specific to APC.

Form Liquid

Recommend Usage Immunohistochemistry (1:50~1:100)
ELISA (1:40000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using APC polyclonal antibody (Cat # PAB18087).
Peptide "+" means "with peptide blocking".

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — APC

Entrez GeneID [324](#)

Protein Accession# [P25054](#)

Gene Name APC

Gene Alias BTPS2, DP2, DP2.5, DP3, GS

Gene Description adenomatous polyposis coli

Omim ID [135290](#) [137215](#) [155255](#) [175100](#) [276300](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a tumor suppressor protein that acts as an antagonist of the Wnt signaling pathway. It is also involved in other processes including cell migration and adhesion, transcriptional activation, and apoptosis. Defects in this gene cause familial adenomatous polyposis (FAP), an autosomal dominant pre-malignant disease that usually progresses to malignancy. Disease-associated mutations tend to be clustered in a small region designated the mutation cluster region (MCR) and result in a truncated protein product. [provided by RefSeq]

Other Designations adenomatosis polyposis coli tumor suppressor

Publication Reference

- [Truncated APC regulates the transcriptional activity of beta-catenin in a cell cycle dependent manner.](#)

Schneikert J, Grohmann A, Behrens J.

Human Molecular Genetics 2007 Jan; 16(2):199.

Application: WB-Tr, Human, SW480 cells

- [Class II MHC/peptide complexes are released from APC and are acquired by T cell responders during specific antigen recognition.](#)

Patel DM, Arnold PY, White GA, Nardella JP, Mannie MD.

Journal of Immunology 1999 Nov; 163(10):5201.

- [Colossal crypts bordering colon adenomas in Apc\(Min\) mice express full-length Apc.](#)

Bjerknes M, Cheng H.

The American Journal of Pathology 1999 Jun; 154(6):1831.

- [AOM-induced mouse colon tumors do not express full-length APC protein.](#)

T Maltzman, J Whittington, L Driggers, J Stephens, D Ahnen.

Carcinogenesis 1997 Dec; 18(12):2435.

Application: IHC-Fr, Mouse, Mouse intestine

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [Adenomatous Polyps](#)
- [Autistic Disorder](#)
- [Barrett Esophagus](#)

- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Chromosomal Instability](#)
- [Chromosome Aberrations](#)
- [Chromosome Deletion](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Duodenal Neoplasms](#)
- [Edema](#)
- [Ependymoma](#)
- [Epidermal Cyst](#)
- [Esophageal Neoplasms](#)
- [Fibromatosis](#)
- [Gardner Syndrome](#)
- [Gastroesophageal Reflux](#)

- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hyperplasia](#)
- [Inflammatory Bowel Diseases](#)
- [Intestinal Polyps](#)
- [Jejunal Neoplasms](#)
- [Kidney Failure](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Metaplasia](#)
- [Microsatellite Instability](#)
- [Multiple Organ Failure](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Osteoma](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)

- [Rectal Neoplasms](#)
- [Stomach Neoplasms](#)
- [Syndrome](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Tay-Sachs disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)