DNAxPAb | Hard-to-Find Antibody

AXIN2 DNAxPab

Catalog # H00008313-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AXIN2 DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSAMLVTCLPDPSSSFREDAPRPPVPGEEGETPPCQPGVGKGQVTKPMPVSSNTRRNEDGL GEPEGRASPDSPLTRWTKSLHSLLGDQDGAYLFRTFLEREKCVDTLDFWFACNGFRQMNLKDT KTLRVANDFCHDILFYLYCKLCIIKSSFKENYLVQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — AXIN2

Entrez GeneID	8313
GeneBank Accession#	BC006295.2
Protein Accession#	AAH06295.1
Gene Name	AXIN2
Gene Alias	AXIL, DKFZp781B0869, MGC10366, MGC126582
Gene Description	axin 2
Omim ID	114500 604025 608615
Gene Ontology	Hyperlink
Gene Summary	The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stabilit y of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. I n mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colo n), beta-catenin, glycogen synthase kinase 3-beta, and conductin, which leads to the degradation of beta-catenin. Apparently, the deregulation of beta-catenin is an important event in the genesis of a number of malignancies. The AXIN2 gene has been mapped to 17q23-q24, a region that sho ws frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations i n this gene have been associated with colorectal cancer with defective mismatch repair. [provide d by RefSeq
Other Designations	conductin

Pathway

- Basal cell carcinoma
- Colorectal cancer
- Endometrial cancer
- Pathways in cancer
- Wnt signaling pathway

Disease

- Adenocarcinoma
- Breast cancer

- Breast Neoplasms
- Carcinoma
- Cleft Lip
- Cleft Palate
- Colorectal Neoplasms
- Dental Enamel Hypoplasia
- Depressive Disorder
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hirschsprung Disease
- Lung Neoplasms
- Neoplasm Invasiveness
- Neoplasms
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic Neoplasms
- Pulmonary Disease
- Recurrence
- Retinoblastoma
- Tooth Abnormalities
- Urinary Bladder Neoplasms
- Werner syndrome