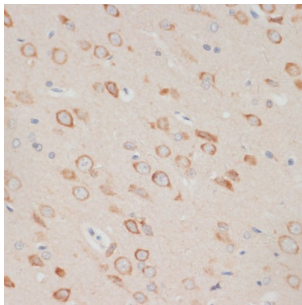
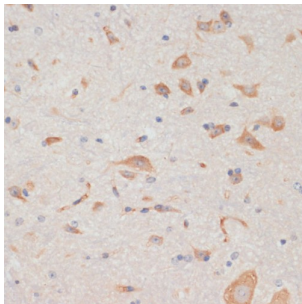


Axin-2 (AXIN2) Antibody

Catalogue No.: abx001955



Immunohistochemistry of paraffin-embedded Rat brain using AXIN2 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse spinal cord using AXIN2 Antibody (1/100 dilution, 40x lens).

Axin-2 (AXIN2) Antibody is a Rabbit Polyclonal antibody against Axin-2 (AXIN2). The Axin-related protein, Axin2, presumably plays an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway, like its rodent homologs, mouse conductin/rat axil. In mouse, conductin organizes a multiprotein complex of APC (adenomatous polyposis of the colon), 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 shows frequent loss of heterozygosity in breast cancer, neuroblastoma, and other tumors. Mutations in this gene have been associated with colorectal cancer with defective mismatch repair.

Target: Axin-2 (AXIN2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC

Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human AXIN2

Datasheet

Version: 4.0.0
Revision date: 27 Mar 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9Y2T1 (UniProt , ExPASy)
Gene Symbol:	AXIN2
GeneID:	8313
OMIM:	114500
NCBI Accession:	NP_004646.3
HGNC:	904
Ensembl:	ENSG00000168646
String:	9606.ENSP00000302625
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.