

Rabbit AXIN2 Polyclonal Antibody | anti-AXIN2 antibody

AXIN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306228	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

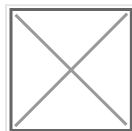
PRODUCT SYNONYMS

AXIN2; Polyclonal Antibody; AXIN2 Antibody; AXIL; ODCRCS; anti-AXIN2 antibody

PRODUCT SPECIFICATIONS

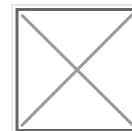
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total AXIN2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	843
Applicable Applications for anti-AXIN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AXIN2.
Target Name	AXIN2
Preparation and Storage	Store at -20°C.

IMAGES



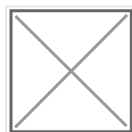
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spinal cord using AXIN2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using AXIN2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AXIN2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AXIN2 antibody	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.
Product Categories/Family for anti-AXIN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	195927059
NCBI GeneID	8313
NCBI Accession #	NP_004646.3
NCBI GenBank Nucleotide #	NM_004655.3
UniProt Accession #	Q9Y2T1; Q3MJ88; Q9H3M6; Q9UH84
Molecular Weight	SDS-PAGE MW: 93KD
NCBI Official Full Name	axin-2
NCBI Official Synonym Full Names	axin 2
NCBI Official Symbol	AXIN2
NCBI Official Synonym Symbols	AXIL; ODCRCS
NCBI Protein Information	axin-2
UniProt Protein Name	Axin-2
UniProt Gene Name	AXIN2
UniProt Synonym Gene Names	Axil
UniProt Entry Name	AXIN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/axin2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306228>