

Rabbit anti-Human AXIN2 Polyclonal Antibody | anti-AXIN2 antibody

AXIN2 Rabbit pAb

CATALOG # AAA282393	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunofluorescence
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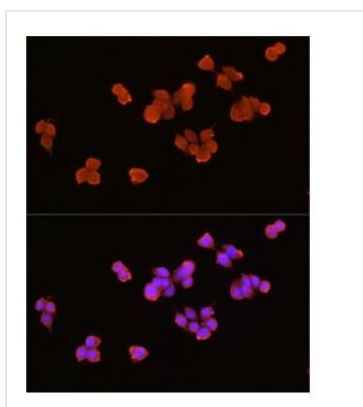
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

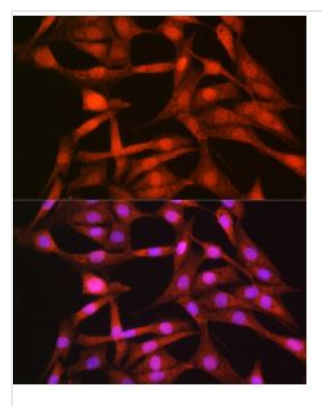
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Sequence	ACRRLAEVSK PPKQRCCVAS QQRDRNHSAT VQTGATPFSN PSLAPEDHKE PKKLAGVHAL QASELVVTYF FCGEEIPYRR MLKAQSLTLG HFKEQLSKKG N
Applicable Applications for anti-AXIN2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Cellular Location	Cytoplasm
Research Area	Epigenetics Nuclear Signaling, Cancer, Cell Biology Developmental Biology, Cell Cycle, Centrosome, Cell differentiation, Wnt ---Catenin Signaling Pathway, ESC Pluripotency and Differentiation, Neuroscience, Stem Cells
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human AXIN2 (NP_004646.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



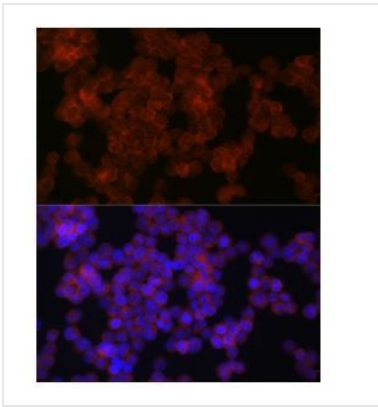
IF (Immunofluorescence)

Immunofluorescence analysis of SW620 cells using AXIN2 Rabbit pAb (AAA282393) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using AXIN2 Rabbit pAb (AAA282393) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using AXIN2 Rabbit pAb (AAA282393) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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	Polyclonal Antibodies

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	93,558 Da
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; conductin; axin-like protein; axis inhibition protein 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.

