

Datasheet for ABIN3030089
anti-AXIN2 antibody (AA 816-843)[Go to Product page](#)

5 Images

Overview

Quantity:	0.4 mL
Target:	AXIN2
Binding Specificity:	AA 816-843
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AXIN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 816-843 from the human protein was used as the immunogen for this AXIN2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	AXIN2
Alternative Name:	AXIN2 (AXIN2 Products)
Background:	The Axin-related protein, Axin2, presumably plays an important role in the regulation of the

Target Details

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.

UniProt: [Q9Y2T1](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Titration of the AXIN2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

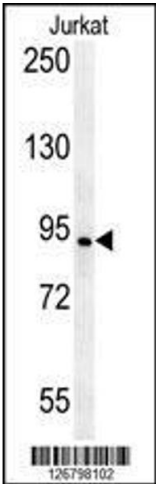
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

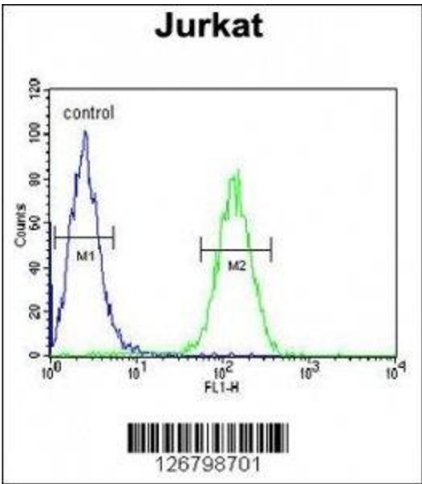
Storage: -20 °C

Storage Comment: Aliquot the AXIN2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



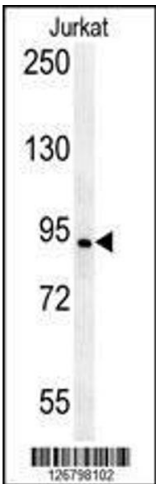
Western Blotting

Image 1. AXIN2 antibody western blot analysis in Jurkat lysate



Flow Cytometry

Image 2. AXIN2 antibody flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 3. AXIN2 antibody western blot analysis in Jurkat lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030089.