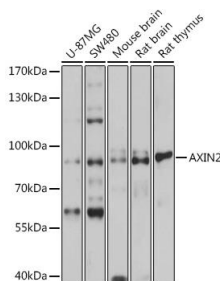


Cat. No:	AB-84313
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 650-750 of human AXIN2.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100
Molecular Weight:	93kDa
Purification:	Aff. Pur.
Synonyms:	AXIN2;AXIL;ODCRCS;axin-2

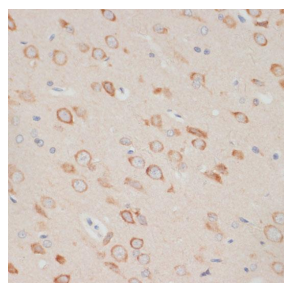
Background:

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.

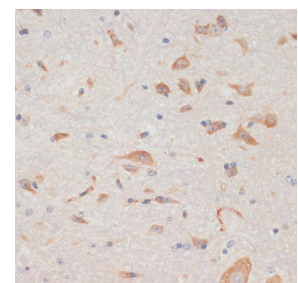
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using AXIN2 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.



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



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

Exposure time: 1s.

References

References for AXIN2 Rabbit Polyclonal Antibody

Product:AXIN2 Rabbit pAb

Journal:Journal Of The Neurological Sciences

Application:WB, ICC/IF

IF:2.293

Species:Homo sapiens

PMID:26723972

Title:Periostin activates pathways involved in epithelial-mesenchymal transition in adamantinomatous craniopharyngioma

References for AXIN2 Rabbit Polyclonal Antibody

Product:AXIN2 Rabbit pAb

Journal:Journal of cellular and molecular medicine

Application:WB

IF:4.3

Species:Homo sapiens

PMID:30407707

Title:MiR-520b promotes the progression of non-small cell lung cancer through activating Hedgehog pathway.

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