

Product datasheet for **TA319745**

Axin 2 (AXIN2) Rabbit Polyclonal Antibody

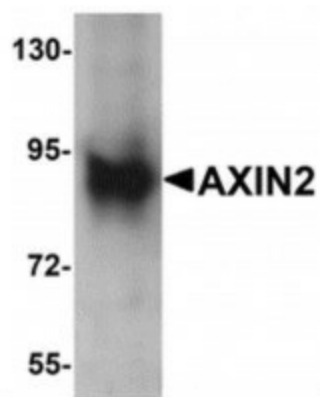
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	AXIN2 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human AXIN2. The immunogen is located within amino acids 780 - 830 of AXIN2.
Formulation:	AXIN2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	AXIN2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	axin 2
Database Link:	AAF22799 Entrez Gene 8313 Human Q9Y2T1
Background:	AXIN2 Antibody: Like the related protein AXIN1, AXIN2 is thought to play an important role in the regulation of the stability of beta-catenin in the Wnt signaling pathway. In mouse, AXIN2 organizes a multiprotein complex of APC (adenomatous polyposis of the colon), beta-catenin, glycogen synthase kinase 3-beta, and AXIN2, which leads to the degradation of beta-catenin, which is thought to be 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.
Synonyms:	AXIL; ODCRCS

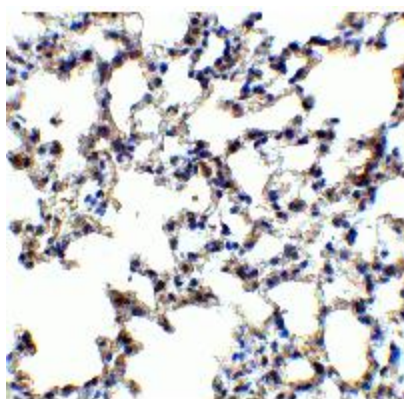


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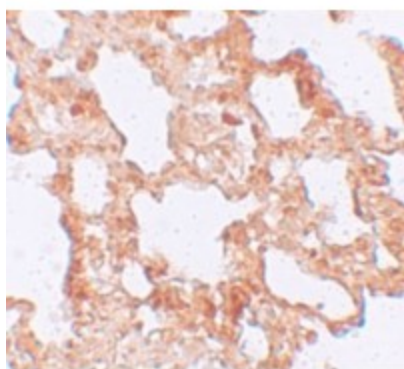
Product images:



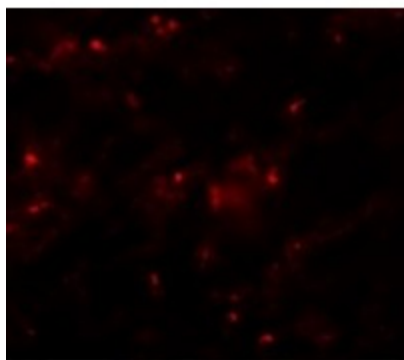
Western blot analysis of AXIN2 in mouse lung lysate with AXIN2 antibody at 1ug/ml.



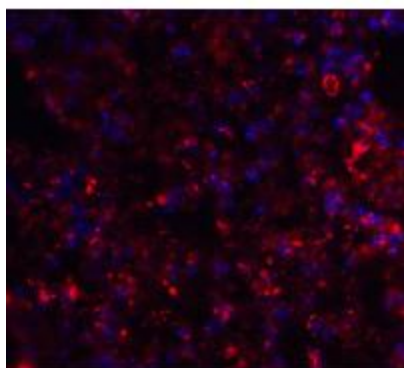
Immunohistochemistry of AXIN2 in mouse lung tissue with AXIN2 antibody at 5ug/ml.



Immunohistochemistry of AXIN2 in rat lung tissue with AXIN2 antibody at 5ug/ml.



Immunofluorescence of AXIN2 in Rat Lung cells with AXIN2 antibody at 20ug/ml.



Immunofluorescence of AXIN2 in mouse lung tissue with AXIN2 antibody at 20ug/ml.