

## Rabbit AXIN2 Polyclonal Antibody | anti-AXIN2 antibody

AXIN2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA305954 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

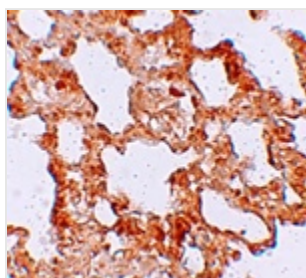
### PRODUCT SYNONYMS

AXIN2; Polyclonal Antibody; AXIN2 Antibody; AXIL; AXI1; conductin; anti-AXIN2 antibody

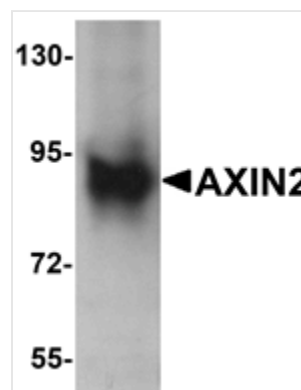
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Specificity                                     | AXIN2 antibody is predicted to not cross-react with AXIN2. At least four isoforms of AXIN2 are known to exist; this antibody will recognize all four.                                                  |
| Purity/Purification                             | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                 | 777                                                                                                                                                                                                    |
| Applicable Applications for anti-AXIN2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                  | Peptide                                                                                                                                                                                                |
| Immunogen Description                           | Raised against a 20 amino acid peptide near the carboxy terminus of human AXIN2.                                                                                                                       |
| Target Name                                     | AXIN2                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES


**IHC (Immunohistochemistry)**

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


**WB (Western Blot)**

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

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

|                                  |              |
|----------------------------------|--------------|
| NCBI GI #                        | 6653584      |
| NCBI GeneID                      | 8313         |
| Molecular Weight                 | 93,558 Da    |
| NCBI Official Full Name          | AXIN2        |
| 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-immunohistochemistry-western-blot-elisa/305954>