

**bs-21731R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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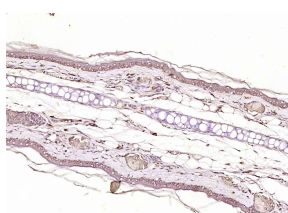
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**Axin1 Rabbit pAb****— DATASHEET —**

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|--|----------------------|--|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> IHC-P (1:100-500)   |
| <b>Clonality:</b> Polyclonal   |                      | <b>IHC-F</b> (1:100-500)   |
| <b>GeneID:</b> 8312  | <b>SWISS:</b> O15169 | <b>IF</b> (1:100-500)  |
| <b>Target:</b> Axin1   |                      | <b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Chicken, Dog, Horse) |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Axin1: 421-520/862.  |                      | <b>Predicted MW.:</b> 99 kDa   |
| <b>Purification:</b> affinity purified by Protein A  |                      | <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus                         |
| <b>Concentration:</b> 1mg/ml   |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.   |                      |  |
| <b>Background:</b> This gene encodes a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. The encoded protein interacts with adenomatosis polyposis coli, catenin (cadherin-associated protein), beta 1, 88kDa, glycogen synthase kinase 3 beta, protein phosphate 2, and itself. This protein functions as a negative regulator of the wntless-type MMTV integration site family, member 1 (WNT) signaling pathway and can induce apoptosis. The crystal structure of a portion of this protein, alone and in a complex with other proteins, has been resolved. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometrioid adenocarcinomas, and medullablastomas. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq] |                      |  |

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Mouse skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Axin1) Polyclonal Antibody, Unconjugated (bs-21731R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=8.886]** Shunshun Han. et al. Filamin C regulates skeletal muscle atrophy by stabilizing dishevelled-2 to inhibit autophagy and mitophagy. Mol Ther-Nucl Acids. 2021 Nov;; WB ;Chicken. 10.1016/j.omtn.2021.11.022