

## AXIN1 polyclonal antibody

Catalog: BS60118

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

$\beta$ -catenin is a component of both the cadherin cell adhesion system and the Wnt signaling pathway. Wnt signaling increases the amount of  $\beta$ -catenin by preventing its ubiquitination and degradation, allowing its direct interaction with transcription factors of the lymphoid enhancer factor/T cell factor family, and modulation of gene expression. Axin is involved in the degradation of  $\beta$ -catenin by acting as a scaffold to form a complex between  $\beta$ -catenin, adenomatous polyposis coli (APC) and GSK-3 $\beta$ . APC, which is phosphorylated by GSK-3 $\beta$ , induces degradation of  $\beta$ -catenin, thus inhibiting Wnt signal transduction. Conductin is 45% identical to Axin and appears to play a similar role to Axin in the Wnt signaling pathway.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 110 kDa

### Swiss-Prot:

O15169

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

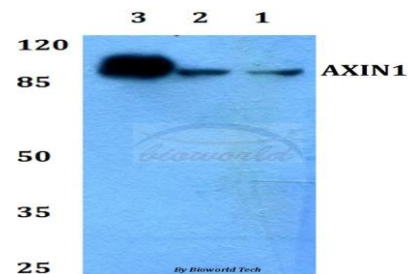
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

AXIN1 polyclonal antibody detects endogenous levels of AXIN1 protein.

### DATA:



Western blot (WB) analysis of AXIN1 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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