

Axin2 polyclonal antibody

Catalog: BS90114

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

b-catenin is a component of both the cadherin cell adhesion system and the Wnt signaling pathway. Wnt signaling increases the amount of b-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 b-catenin by acting as a scaffold to form a complex between b-catenin, adenomatous polyposis coli (APC) and GSK-3b. APC, which is phosphorylated by GSK-3b, induces degradation of b-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:

94 kDa

Swiss-Prot:

Q9Y2T1(Human) O88566(Mouse) O70240(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

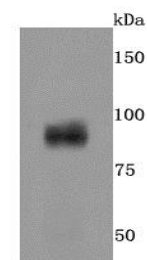
IHC:1:10-1:50

Storage&Stability:

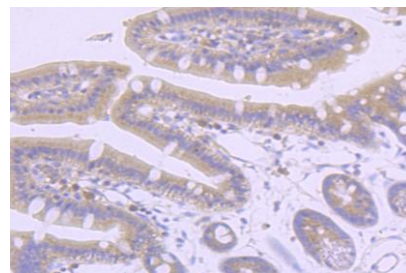
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

Axin2 polyclonal antibody detects endogenous levels of Axin2 protein.

DATA:

Western blot analysis of Axin2 on SW480 cells lysates using anti-Axin2 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Axin2 antibody. Counter stained with hematoxylin.

Note:

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

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