

Product Datasheet

Axin2 Antibody

Catalog No: CY6803

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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Information

UniProt ID: Q9Y2T1

All Names: Axil; Axin like protein; Axin2; Axis inhibition protein 2; Conductin;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 94kDa

Application

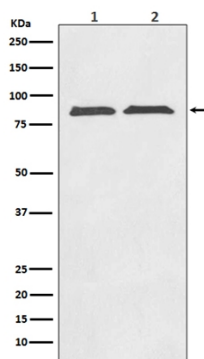
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

Axin1 (Axis inhibition protein 1) and Axin2 are multidomain scaffold proteins that negatively regulate Wnt signaling. Axin1 interacts with APC, GSK-3 β , Dvl, and β -catenin and promotes the GSK-3 β -mediated phosphorylation and subsequent degradation of β -catenin. Down-regulates beta-catenin. Probably facilitate the phosphorylation of beta-catenin and APC by GSK3B.



Western blot analysis of Axin2 expression in (1) SW480 cell lysate; (2) PC-12 cell lysate.

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