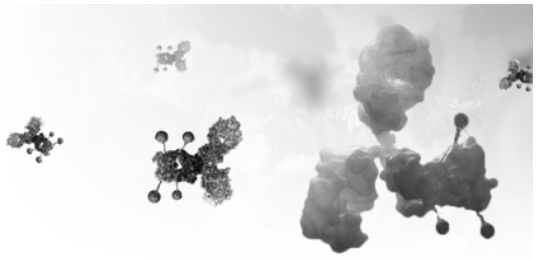

Rabbit Anti-Axin2 monoclonal antibody, clone KN22-41 (DCABH-198)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Axin2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KN22-41
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Cellular Localization	Cytoplasm.
Positive Control	SW480, mouse colon tissue, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw

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cycles.

BACKGROUND

Introduction	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.
Keywords	Axil;Axin like protein;Axin-2;Axin-like protein;Axin2;AXIN2_HUMAN;Axis inhibition protein 2;Conductin;DKFZp781B0869;MGC10366;MGC126582 antibody

GENE INFORMATION

Entrez Gene ID	2247

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