

AXIN1 Rabbit Polyclonal Antibody

OPR9440

Reactivity	H, M, R	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	WB; ELISA
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human protein, at AA range:190-270

Human Swiss-Prot Number O15169

Product Information

Buffer PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Observed MW 94kD

Dilution WB:- 1:500 - 2000, ELISA:- 1:5000 - 20000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

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 adenomatous polyposis coli, catenin beta-1, 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. Alternative splicing results in multiple transcript variants.

Research Use

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

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation, ICC-Immunocytochemistry

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow, Bv- Bovine.

Please contact Origin Diagnostics and Research for further assistance

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