

For Research Use Only

AXIN2 Polyclonal ANTIBODY



Catalog Number: 20540-1-AP

4 Publications

Basic Information

Catalog Number:
20540-1-AP

Size:
70 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG14574

GenBank Accession Number:
BC006295

GeneID (NCBI):
8313

Full Name:
axin 2

Calculated MW:
843aa, 94 kDa

Observed MW:
93-100 kDa

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB: Jurkat cells; BxPC-3 cells, MDA-MB-453s cells

Background Information

Axis inhibition protein2 (AXIN2), also known as Cductin or Axil, is a multidomain scaffold protein that negatively regulate Wnt signaling. AXIN2 can directly interact with beta-catenin and GSK3B. AXIN2 has a number of phosphorylation sites, and also can undergo poly(ADP-ribose)lation by tankyrase TNKS and TNKS2. Poly(ADP-ribose)lated AXIN2 then get ubiquitinated by RNF146 and leads to its degradation and subsequent activation of Wnt signaling. AXIN2 is localized in the cytoplasm and its mutation is involved in colorectal cancer. Catalog#20540-1-AP is a rabbit polyclonal antibody raised against a 34 amino acid N-terminal of human AXIN2. Observed MW of AXIN2 is from 93-100 kDa (PMD: 11809809; 24607787).

Notable Publications

Author	Pubmed ID	Journal	Application
Pingping Zhu	30224759	Nat Cell Biol	WB
Jingsheng Yuan	31186404	Cell Death Dis	WB
Shaobo Tian	29427622	Exp Cell Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

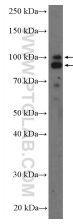
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 20540-1-AP (AXIN2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours