

## Anti-Axin 1 Rabbit pAb

Ref: AO-03-GB11729

Volume: 10, 25, 50 and 100 µl

### Product Information

<b>Description</b>	Axin 1 rabbit polyclonal antibody
<b>Protein full name</b>	Axin-1
<b>Synonyms</b>	Axin1, AXIN1, AXIN, PPP1R49, Axin 1, Axis inhibition protein 1, Axis Inhibitor 1, Protein phosphatase 1 regulatory subunit 49, Protein Fused, PPP1R49
<b>Immunogen</b>	Recombinant protein corresponding to Human Axin 1
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purification
<b>Predicted MW.</b>	96 kDa
<b>Observed MW.</b>	110 kDa
<b>Uniprot ID</b>	O15169, O35625, O70239

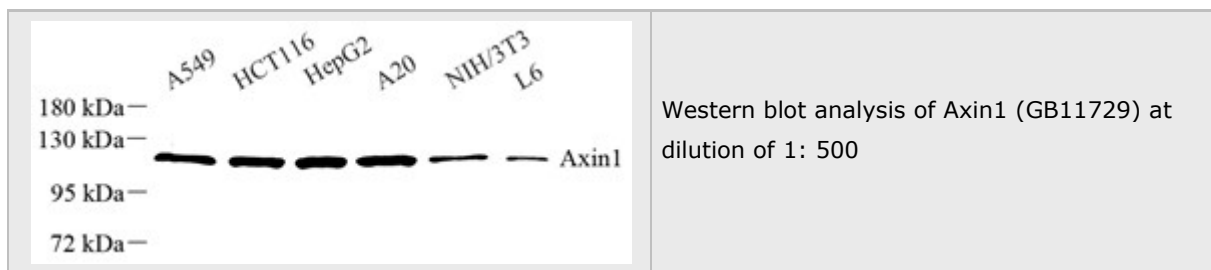
### Applications

Applications	Species	Dilution	Positive Tissue
WB	Human, Mouse, Rat	1: 500-1: 1000	lung

### Background

Axin-1 encoded by the AXIN1 gene in human is a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain. This protein interacts with adenomatous polyposis coli, catenin (cadherin-associated protein) beta 1, glycogen synthase kinase 3 beta, protein phosphatase 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. Mutations in this gene have been associated with hepatocellular carcinoma, hepatoblastomas, ovarian endometriod adenocarcinomas, and medulloblastomas.

## Images



## Storage

<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/ thaw cycles.
<b>Storage Buffer</b>	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

## NOTE:

- 1.This product is intended for research only.
- 2.This product is recommended to dilute with the Primary Antibody Dilution Buffer ([G2025](#)) .

**For Research Use Only!**

