

[Go to Product page](#)

Datasheet for ABIN7170433  
**anti-SPOP-B antibody (AA 48-374) (Biotin)**

## Overview

Quantity:	100 µg
Target:	SPOP-B
Binding Specificity:	AA 48-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOP-B antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Speckle-type POZ protein (48-374AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SPOP-B
Alternative Name:	SPOP ( <a href="#">SPOP-B Products</a> )
Background:	Background: Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, leading most often to their

## Target Details

proteasomal degradation. In complex with CUL3, involved in ubiquitination and proteasomal degradation of BRMS1, DAXX, PDX1/IPF1, GLI2 and GLI3. In complex with CUL3, involved in ubiquitination of H2AFY and BMI1, this does not lead to their proteasomal degradation. Inhibits transcriptional activation of PDX1/IPF1 targets, such as insulin, by promoting PDX1/IPF1 degradation. The cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex containing homodimeric SPOP has higher ubiquitin ligase activity than the complex that contains the heterodimer formed by SPOP and SPOPL.

Aliases: BTBD32 antibody, HIB homolog 1 antibody, Roadkill homolog 1 antibody, Speckle type POZ protein antibody, Speckle-type POZ protein antibody, SPOP antibody, SPOP\_HUMAN antibody, TEF 2 antibody, TEF2 antibody

UniProt: [O43791](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.