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Datasheet for ABIN7170432
anti-SPOP-B antibody (AA 48-374)

1 Image

Overview

Quantity:	100 µg
Target:	SPOP-B
Binding Specificity:	AA 48-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOP-B antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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 (SPOP-B Products)
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: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

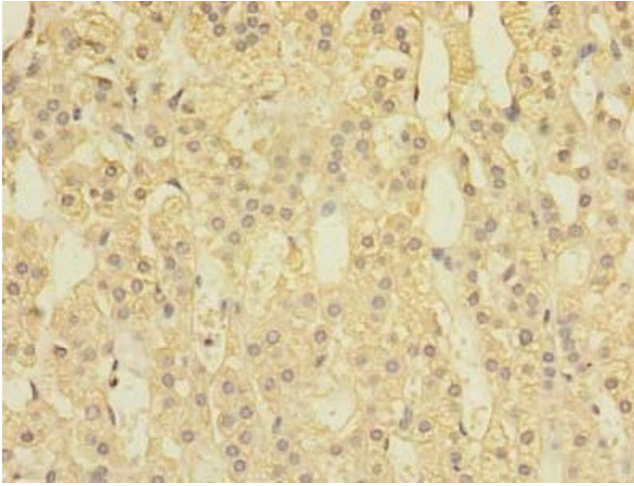
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7170432 at dilution of 1:100