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Datasheet for ABIN6148373
anti-SPOP-B antibody (AA 175-374)

1 Image

Overview

Quantity:	100 µL
Target:	SPOP-B
Binding Specificity:	AA 175-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 175-374 of human SPOP (NP_003554.1).
Sequence:	TMNMVKVPEC RLADLGGLW ENSRFTDCCL CVAGQEFQAH KAILAARSPV FSAMFEHEME ESKKNRVEIN DVEPEVFKEM MCFIYTGKAP NLDKMADDLL AAADKYALER LKVMCEDALC SNLSVENAAE ILILADLHSA DQLKTQAVDF INYHASDVLE TSGWKSMVVS HPHLVAEAYR SLASAQCPFL GPPRKRKQKS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SPOP-B
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Target Details

Alternative Name: SPOP ([SPOP-B Products](#))

Background: This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein.,SPOP,BTBD32,TEF2,Epigenetics & Nuclear Signaling,SPOP

Molecular Weight: 42 kDa

Gene ID: 8405

UniProt: [043791](#)

Application Details

Application Notes: WB,1:500 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

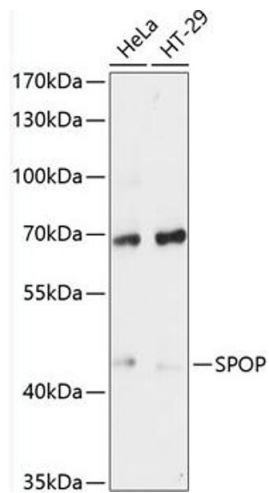
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SPOP antibody (ABIN6130702, ABIN6148373, ABIN6148375 and ABIN6215681) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.