

# SPOP Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 223 of Human SPOP
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545998

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	2 Publications
Immunohistochemistry (IHC)	Assay-dependent	-

## Product Specific Information

Recommended positive controls: HepG2, HepG2 nuclear extract, Mouse brain, SPOP-transfected 293T.

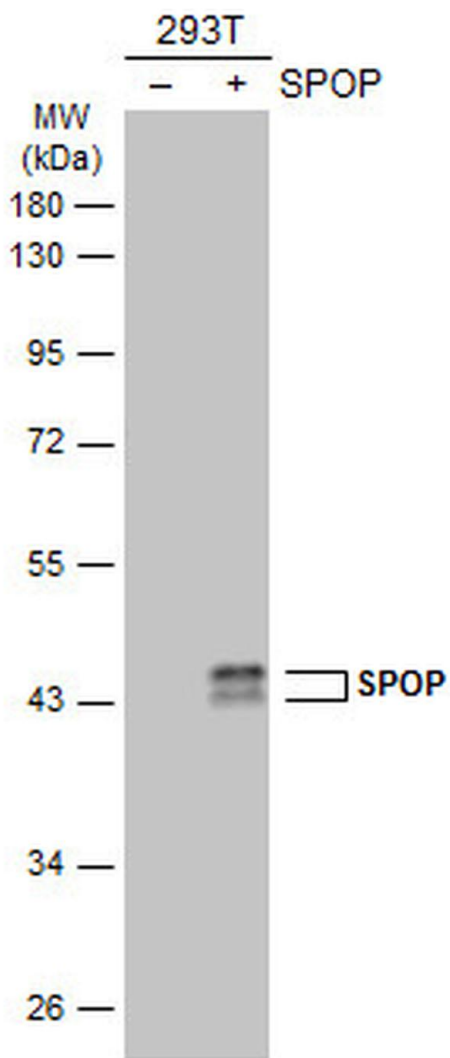
Predicted reactivity: Mouse (100%), Rat (100%), Zebrafish (99%), Xenopus laevis (100%), Rhesus Monkey (100%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For SPOP Polyclonal Antibody

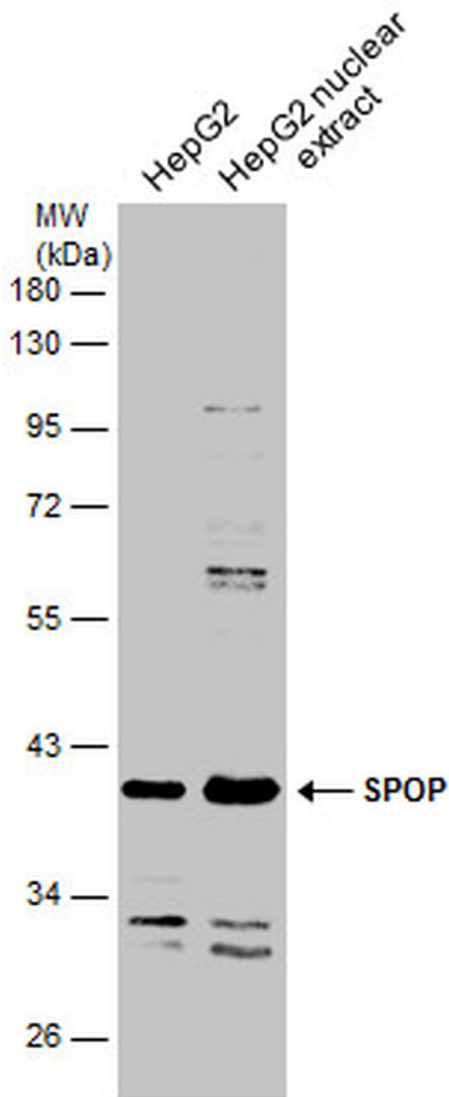
### SPOP Antibody (PA5-28522) in WB

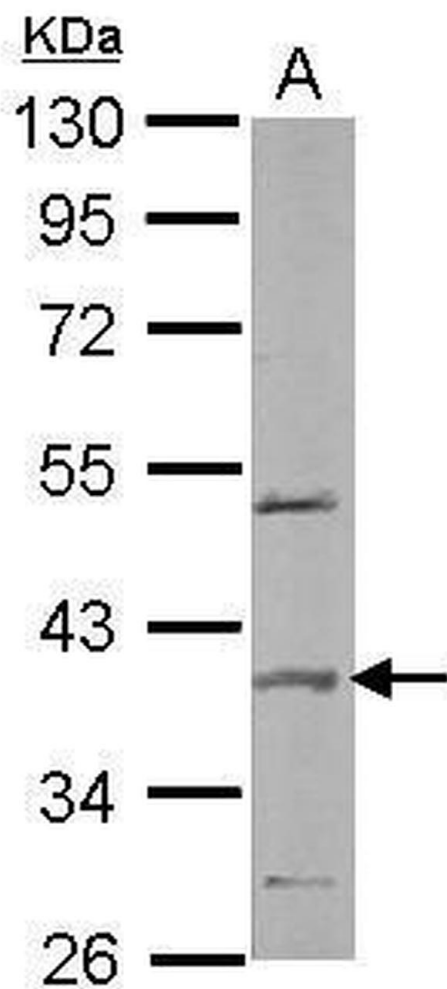
Western Blot analysis of SPOP was performed by separating 30 µg of non-transfected (–) and transfected (+) 293T whole cell extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a SPOP Polyclonal Antibody (Product # PA5-28522) at a dilution of 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



### SPOP Antibody (PA5-28522) in WB

Western Blot analysis of SPOP was performed by separating 30 µg of HepG2 whole cell and nuclear extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a SPOP Polyclonal Antibody (Product # PA5-28522) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





#### SPOP Antibody (PA5-28522) in WB

Western Blot using SPOP Polyclonal Antibody (Product # PA5-28522). Sample (50 µg of whole cell lysate). Lane A: mouse brain. 10% SDS PAGE. SPOP Polyclonal Antibody (Product # PA5-28522) diluted at 1:2,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Western Blot (2)

<p>Cancer discovery</p> <p><b>Impaired Proteolysis of Noncanonical RAS Proteins Drives Clonal Hematopoietic Transformation.</b></p> <p>"PA5-28522 was used in Western Blotting to reveal proteolysis of non-canonical RAS proteins as novel regulators of HSC self-renewal, define the function of RIT1 and LZTR1 mutations in leukemia, and identify means to overcome drug resistance due to LZTR1 downregulation."</p> <p>Authors: Chen S,Vedula RS,Cuevas-Navarro A,Lu B,Hogg SJ,Wang E,Benbarche S,Knorrr K,Kim WJ,Stanley RF,Cho H,Erickson C,Singer M,Cui D,Tittley S,Durham BH,Pavletich TS,Fiala E,Walsh MF,Inoue D,Monette S,Taylor J,Rosen N,McCormick F,Lindsley RC,Castel P,Abdel-Wahab O</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:1000</p>
<p>eLife</p> <p><b>T-box3 is a ciliary protein and regulates stability of the Gli3 transcription factor to control digit number.</b></p> <p>"Published figure using SPOP polyclonal antibody (Product # PA5-28522) in Western Blot"</p> <p>Authors: Emechebe U,Kumar P P,Rozenberg JM,Moore B,Firment A,Mirshahi T,Moon AM</p>	<p>Year 2016</p> <p>Species Human</p>

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