ARG45407
anti-SPOPL antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SPOPL
Tested Reactivity	Hu, Ms
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SPOPL
Species	Human
Immunogen	Recombinant protein containing to human SPOPL.
Conjugation	Un-conjugated
Alternate Names	SPOPL; Speckle Type BTB/POZ Protein Like; Speckle-Type POZ Protein-Like; Roadkill Homolog 2; HIB Homolog 2; BTBD33

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
IP	2-4 µg/ml
WB	0.25-0.5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 45 kDa

Properties

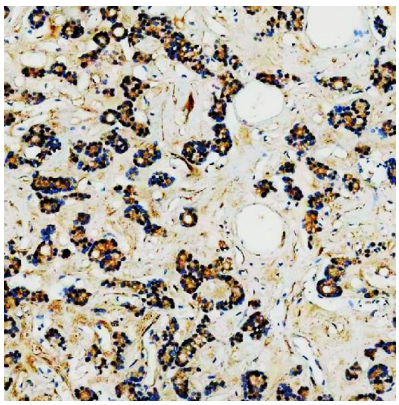
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na2HPO4, 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

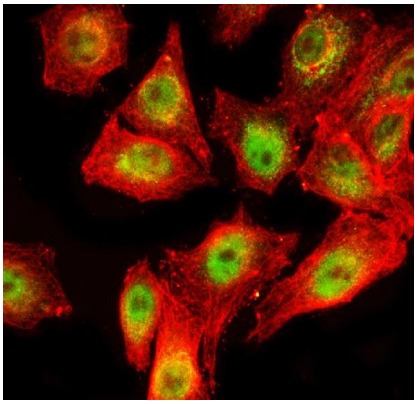
Gene Symbol	SPOPL
Gene Full Name	Speckle Type BTB/POZ Protein Like
Background	Enables identical protein binding activity. Involved in negative regulation of protein ubiquitination and proteasome-mediated ubiquitin-dependent protein catabolic process. Part of Cul3-RING ubiquitin ligase complex. [provided by Alliance of Genome Resources, Nov 2024]
Function	Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins, but with relatively low efficiency. Cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes containing homodimeric SPOPL or the heterodimer formed by SPOP and SPOPL are less efficient than ubiquitin ligase complexes containing only SPOP. May function to down-regulate the activity of cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes that contain SPOP. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Nucleus. [UniProt]

Images



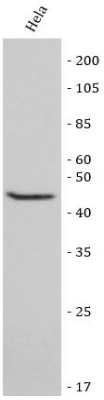
ARG45407 anti-SPOPL antibody IHC-P image

Immunohistochemistry: Human thyroid cancer stained with ARG45407 anti-SPOPL antibody at 2 µg/ml dilution.



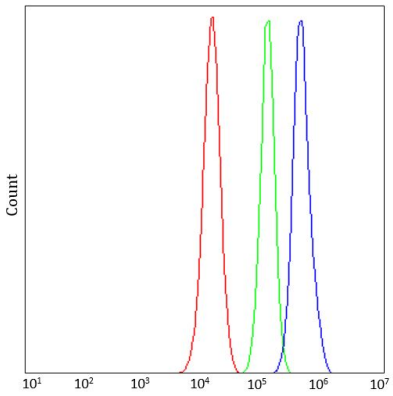
ARG45407 anti-SPOPL antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45407 anti-SPOPL antibody at 5 µg/ml dilution.



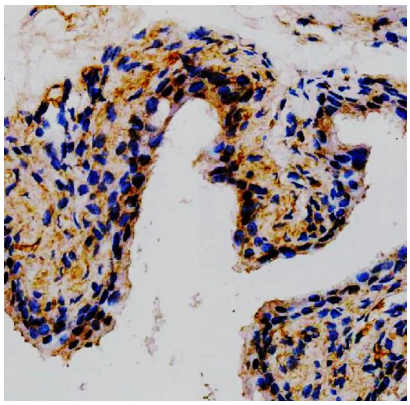
ARG45407 anti-SPOPL antibody WB image

Western blot: MCF-7 stained with ARG45407 anti-SPOPL antibody at 0.5 µg/ml dilution.



ARG45407 anti-SPOPL antibody FACS image

Flow Cytometry: PC-3 stained with ARG45407 anti-SPOPL antibody at 1 µg/10^6 cells dilution.



ARG45407 anti-SPOPL antibody IHC-P image

Immunohistochemistry: Mouse bladder stained with ARG45407 anti-SPOPL antibody at 2 µg/ml dilution.