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Datasheet for ABIN2856462
anti-SPOP-B antibody (Center)

2 Images

Overview

Quantity:	100 µL
Target:	SPOP-B
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOP-B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SPOP. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Xenopus tropicalis, Rhesus Monkey, Cow (Bovine)
Cross-Reactivity (Details):	Rat (100 %), Xenopus Tropicalis (100 %), Rhesus Monkey (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to SPOP (speckle-type POZ protein) SPOP antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SPOP-B
Alternative Name:	SPOP (SPOP-B Products)
Background:	<p>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.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	42 kDa
Gene ID:	8405

Application Details

Application Notes:	<p>Suggested dilution Reference Immunohistochemistry Assay-dependent dilution Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceImmunohistochemistryAssay-dependent dilution Western blot1:500-1:3000*</p>
Comment:	Positive Control: 293T , Raji , mouse brain
Restrictions:	For Research Use only

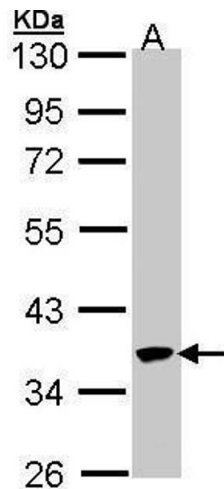
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

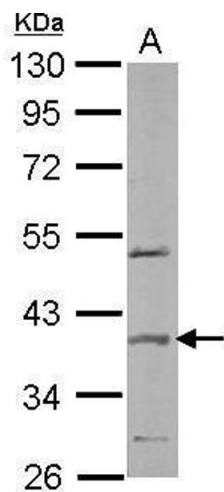
Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
293T 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A:
mouse brain 10% SDS PAGE antibody diluted at 1:2000