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anti-Spindlin 1 antibody (AA 1-262)

Images



Overview

Quantity:	100 μL
Target:	Spindlin 1 (SPIN1)
Binding Specificity:	AA 1-262
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Spindlin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Spindlin-1 protein (1-262AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	Spindlin 1 (SPIN1)
Alternative Name:	SPIN1 (SPIN1 Products)
Background:	Background: Chromatin reader that specifically recognizes and binds histone H3 both
	$trimethy lated at \verb \'Lys-4 \' and asymmetrically dimethy lated at \verb \'Arg-8 \' (H3K4me3 and Later L$

Target Details

H3R8me2a) and acts as an activator of Wnt signaling pathway dowstream of PRMT2. In case of cancer, promotes cell cancer proliferation via activation of the Wnt signaling pathway (PubMed:24589551). Overexpression induces metaphase arrest and chromosomal instability. Localizes to active rDNA loci and promotes the expression of rRNA genes (PubMed:21960006). May play a role in cell-cycle regulation during the transition from gamete to embryo. Involved in oocyte meiotic resumption, a process that takes place before ovulation to resume meiosis of oocytes blocked in prophase I: may act by regulating maternal transcripts to control meiotic resumption.

Aliases: OCR antibody, Ovarian cancer-related protein antibody, SPIN antibody, Spin1 antibody, SPIN1_HUMAN antibody, Spindlin-1 antibody

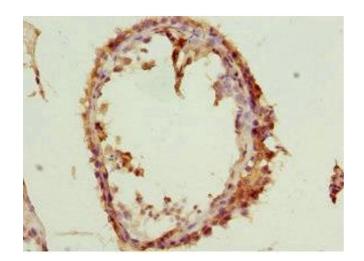
UniProt:

Q9Y657

Application Details

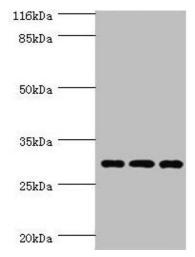
Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	

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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



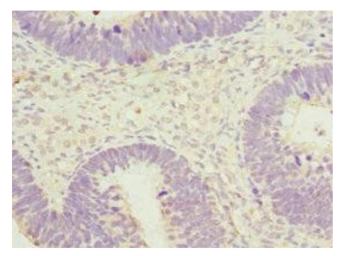
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7170599 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: SPIN1 antibody at $1.45\,\mu$ g/mL Lane 1: Hela whole cell lysate Lane 2: 293T whole cell lysate Lane 3: HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 30 kDa Observed band size: 30 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human ovarian cancer using ABIN7170599 at dilution of 1:100