

Rabbit anti-Human SPIN1 Polyclonal Antibody | anti-SPIN1 antibody

SPIN1 Antibody

CATALOG # AAA232334	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

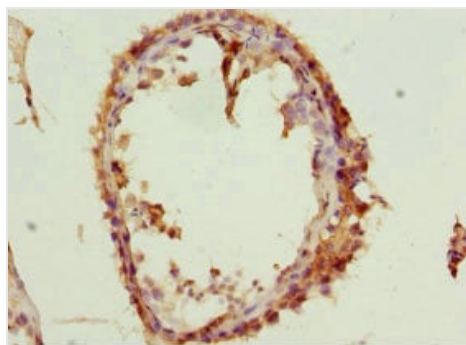
PRODUCT SYNONYMS

SPIN1; Polyclonal Antibody; SPIN1 Antibody; Spindlin-1; Ovarian cancer-related protein; Spindlin1; OCR; SPIN; anti-SPIN1 antibody

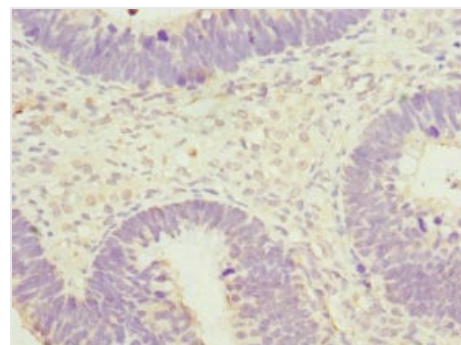
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	262
Applicable Applications for anti-SPIN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Spindlin-1 protein (1-262AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160836
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

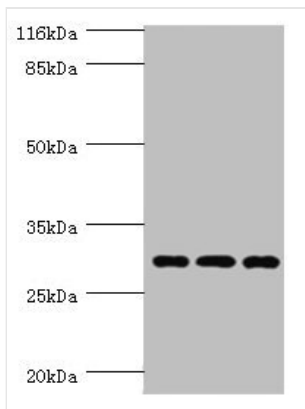
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA232334 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA232334 at dilution 1:100



WB (Western Blot)
 Western blotAll lanes: SPIN1 antibody at 1.45ug/mlLane 1:Hela whole cell lysateLane 2:293T whole cell lysateLane 3:HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 30kDaObserved band size: 30kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SPIN1 antibody	Chromatin reader that specifically recognizes and binds histone H3 both trimethylated at 'Lys-4' and asymmetrically dimethylated at 'Arg-8' (H3K4me3 and H3R8me2a) and acts as an activator of Wnt signaling pathway downstream 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	112293285
NCBI GeneID	10927
NCBI Accession #	NP_006708.2
NCBI GenBank Nucleotide #	NM_006717.2
UniProt Accession #	Q9Y657; Q7KZJ8; Q9GZT2; Q9H0N7; A8K0X6; B3KRQ4
Molecular Weight	29,601 Da
NCBI Official Full Name	spindlin-1
NCBI Official Synonym Full Names	spindlin 1
NCBI Official Symbol	SPIN1
NCBI Official Synonym Symbols	SPIN; TDRD24
NCBI Protein Information	spindlin-1
UniProt Protein Name	Spindlin-1
UniProt Gene Name	SPIN1
UniProt Synonym Gene Names	OCR; SPIN
UniProt Entry Name	SPIN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

