

SPIN1 Polyclonal Antibody

Catalog number: 12105-1-AP

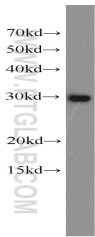
Size: 20 µg/150 µl

Source: Rabbit

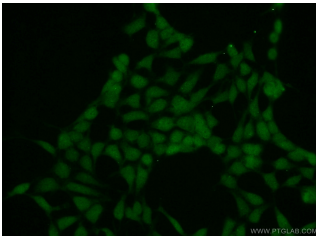
Isotype: IgG

Synonyms:

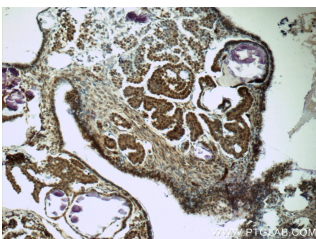
SPIN1; OCR, Ovarian cancer related protein, SPIN, SPIN1, spindlin 1



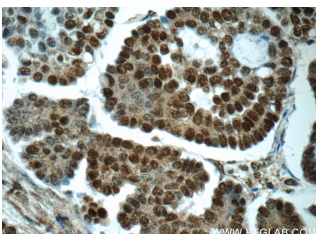
HeLa cells were subjected to SDS PAGE followed by western blot with 12105-1-AP (SPIN1 antibody) at dilution of 1:800



Immunofluorescent analysis of HEK-293 cells using 12105-1-AP (SPIN1 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using 12105-1-AP (SPIN1 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of

Background

SPIN1, also named as OCR and SPIN, plays a role in cell-cycle regulation during the transition from gamete to embryo. SPIN1 induces necrotic cell death via autophagy. It plays a critical role in necrotic cell death in cultured human cells. SPIN1 bound the antiapoptotic protein BCL2 and the apoptosis regulator BCLXL and induced cell death via a pathway that was independent of mitochondrial cytochrome c release and caspase activation

Applications

Tested applications:	ELISA, WB, IP, IHC, IF
Cited applications:	IF, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated SPIN1 MW:	262aa, 30 kDa
Observed SPIN1 MW:	30 kDa
Positive WB detected in	HeLa cells, human brain tissue, mouse brain tissue, mouse ovary tissue, PC-3 cells, rat brain tissue, SKOV-3 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human ovary tumor tissue
Positive IF detected in	HEK-293 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

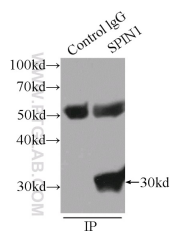
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2750
GenBank accession number:	BC013571
Gene ID (NCBI):	10927
Full name:	Spindlin 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-SPIN1

paraffin-embedded human (IP:12105-1-AP, 3ug;
ovary tumor tissue slide using Detection:12105-1-AP 1:800)
12105-1-AP(SPIN1 Antibody) with HeLa cells lysate 1840ug.
at dilution of 1:50 (under 40x
lens)