



Spindlin-1 Polyclonal Antibody

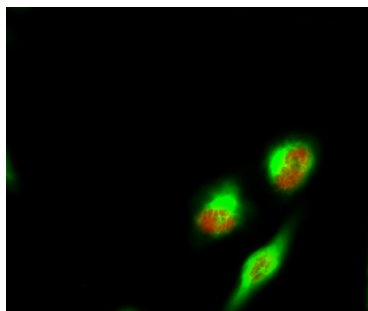
Catalog No	YP-Ab-16780
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	SPIN1
Immunogen	The antiserum was produced against synthesized peptide derived from human SPIN1. AA range:111-160
Specificity	Spindlin-1 Polyclonal Antibody detects endogenous levels of Spindlin-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Spindlin1;spindlin 1;SPIN 1;SPIN;Ovarian cancer-related protein;Spindlin-1; SPIN1;OCR
Observed Band	30kD
Calculated Molecular Weight	30kD
Cell Pathway	Nucleus . Nucleus, nucleolus .
Tissue Specificity	Highly expressed in ovarian cancer tissues.
Function	function:May play a role in cell-cycle regulation during the transition from gamete to embryo.,PTM:Phosphorylated during oocyte meiotic maturation.,sequence caution:Translated as Glu.,similarity:Belongs to the SPIN/STSY family.,
Background	function:May play a role in cell-cycle regulation during the transition from gamete to embryo.,PTM:Phosphorylated during oocyte meiotic maturation.,sequence caution:Translated as Glu.,similarity:Belongs to the SPIN/STSY family.,
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

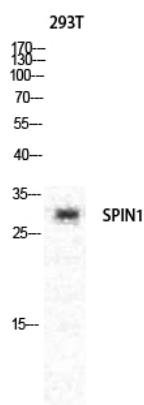
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images



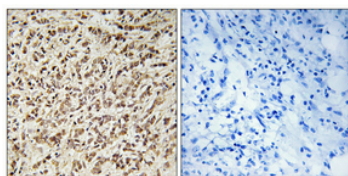
Immunofluorescence analysis of HeLa cell. 1, Spindlin-1 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). Bcl-2 Monoclonal Antibody (6B5) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).



Western Blot analysis of various cells using Spindlin-1 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western Blot analysis of HeLa cells using Spindlin-1 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

Western blot analysis of lysates from HeLa cells, using SPIN1 Antibody. The lane on the right is blocked with the synthesized peptide.