

Spindlin-1 Polyclonal Antibody

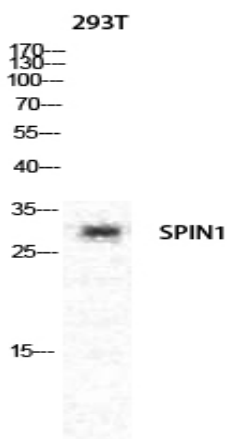
Catalog No :	YT4385
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Spindlin-1
Gene Name :	SPIN1
Protein Name :	Spindlin-1
Human Gene Id :	10927
Human Swiss Prot No :	Q9Y657
Mouse Gene Id :	20729
Mouse Swiss Prot No :	Q61142
Rat Gene Id :	1.00364e+008
Rat Swiss Prot No :	Q4V8J7
Immunogen :	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
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	30kD
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.,
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Subcellular Location :	Nucleus . Nucleus, nucleolus .
Expression :	Highly expressed in ovarian cancer tissues.

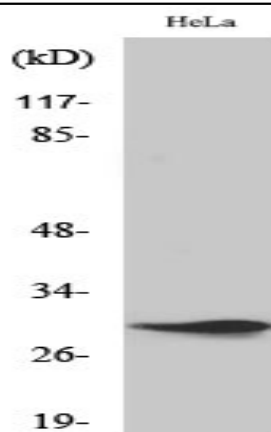
Products Images



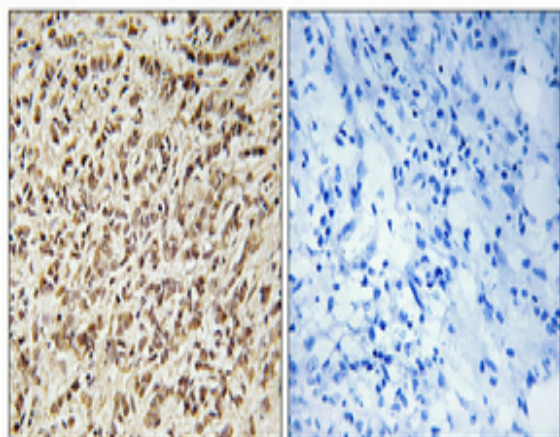
Immunofluorescence analysis of HeLa cell. 1, Spindlin-1 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). Bcl-2 Monoclonal Antibody (6B5) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000 (room temperature, 50min). Goat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



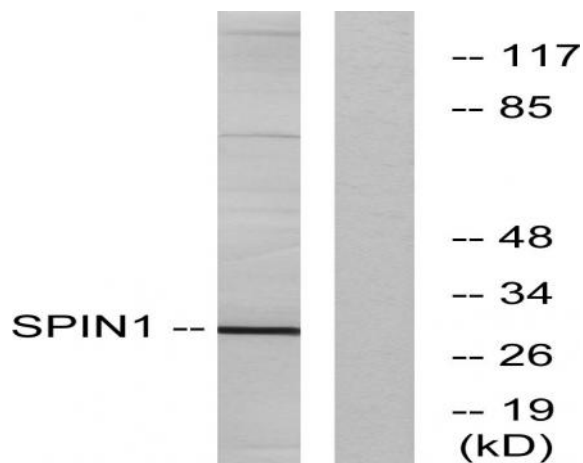
Western Blot analysis of various cells using Spindlin-1 Polyclonal Antibody diluted at 1:1000. Cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotec, MN, USA).



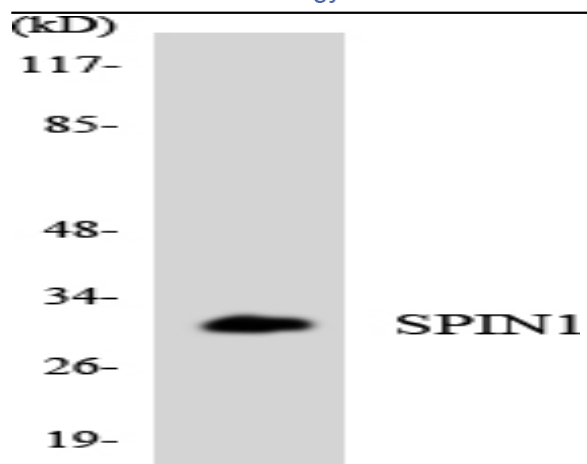
Western Blot analysis of HeLa cells using Spindlin-1 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



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.



Western blot analysis of the lysates from K562 cells using SPIN1 antibody.