

For Research Use Only

SPIN1 Recombinant monoclonal antibody

Catalog Number: 86848-3-RR



Basic Information

Catalog Number: 86848-3-RR	GenBank Accession Number: BC013571	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10927	CloneNo.: 251836E2
Isotype: IgG	UNIPROT ID: Q9Y657	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG2750	Full Name: spindlin 1	
	Calculated MW: 262 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, PC-3 cells, mouse brain tissue, rat brain tissue, Jurkat cells
Species Specificity: human, mouse, rat	

Background Information

SPIN1 (Spindlin 1) is a histone methylation reader, which recognizes trimethylated histone H3 lysine 4 through the protein-protein interaction. SPIN1 was initially found in ovarian cancer via searching ovarian cancer-related genes. It is overexpressed in ovarian cancer tissue, which exhibits a high homology to mouse Spin (Spindlin) gene. Signaling pathways responsible for SPIN1 functions include PI3K/Akt, Wnt and RET that are highly relevant to tumorigenesis. (PMID: 34492335, PMID: 31790762)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

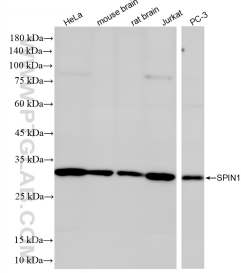
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86848-3-RR (SPIN1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.