SPIN1 Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins

Catalog Number:**68615-1-PBS**

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Basic Information

Catalog Number:
68615-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG33686

GenBank Accession Number:
BC013571

GeneID (NCBI):
10927

UNIPROT ID:
Q9Y657

Full Name:
spindlin 1

Calculated MW:
262 aa, 30 kDa

Observed MW:
30 kDa

Purification Method:
Protein G purification

CloneNo.:
1G8C5

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
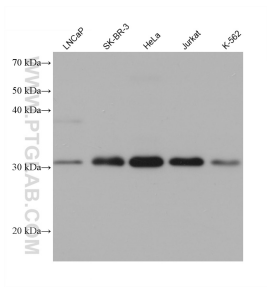Human, mouse, rat, rabbit

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)
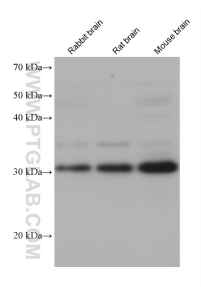
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 68615-1-Ig (SPIN1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68615-1-PBS in a different storage buffer formulation.

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