For research purposes only, not for human use

# Product Data Sheet

# Anti-SPIN1 Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CPA4527 | Rabbit | H, M, R, C, Mk, P | WB, IH, IF/IC |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to SPIN1 |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SPIN1. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of SPIN1 protein. |
| **Clonality** | Polyclonal |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) |
| **Gene Symbol** | SPIN1 |
| **Alternative Names** | OCR; SPIN; Spindlin-1; Ovarian cancer-related protein; Spindlin1 |
| **Entrez Gene** | 10927 (Human); 20729 (Mouse); 100363675, 361217 (Rat) |
| **SwissProt** | Q9Y657 (Human); Q61142 (Mouse); Q4V8J7 (Rat) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


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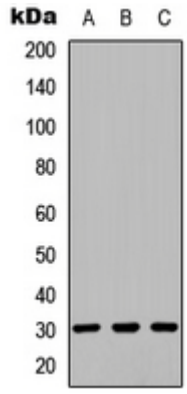
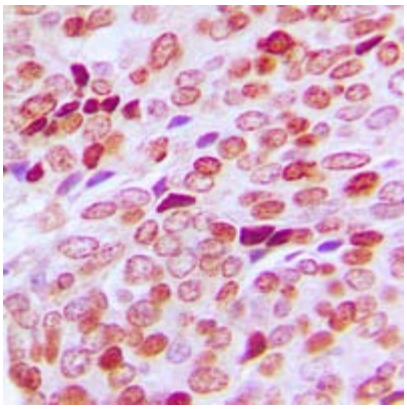
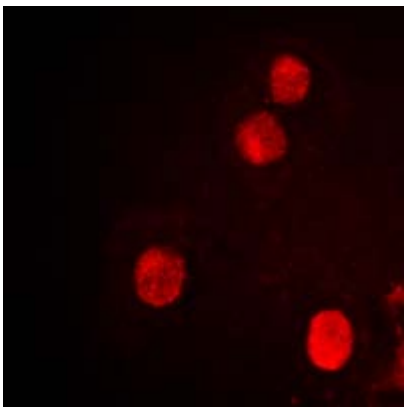



Western blot analysis of SPIN1 expression in HEK293T (A), HeLa (B), mouse brain (C) whole cell lysates.



Immunohistochemical analysis of SPIN1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of SPIN1 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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