WDR59 Antibody

PACO63143

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IF:1:50-1:200

Protein Background:

As a component of the GATOR subcomplex GATOR2, functions within the amino acid, sensing branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex. It is negatively regulated by the upstream amino acid, sensors SESN2 and CASTOR1.

Gene ID:

WDR59

Uniprot

Q6PJI9

Synonyms:

GATOR complex protein WDR59 (WD repeat-containing protein 59), WDR59, KIAA1923

Immunogen:

Recombinant Human GATOR complex protein WDR59 protein (619-862AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

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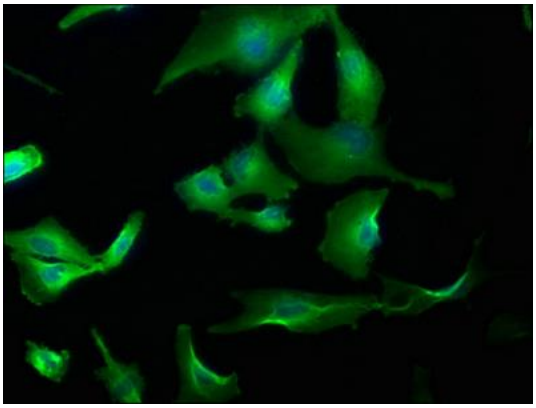
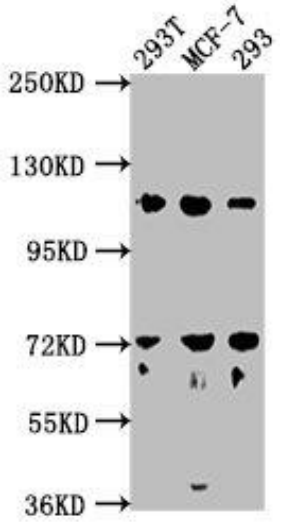
Product Images



Immunofluorescence staining of U251 cells with PACO63143 at 1:173, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blot. Positive WB detected in: 293T whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate. All lanes: WDR59 antibody at 1:2000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 110, 65, 63, 47 kDa. Observed band size: 110 kDa.