

Anti-PLK4/SAK antibody



Catalog Number: 104942

Product name

Anti-PLK4/SAK antibody

Specificity

Human PLK4

Antibody description

Rabbit polyclonal to PLK4/SAK

Preparation

Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human PLK4, and purified by antigen affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

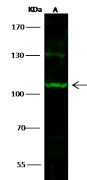
WB, IHC-P, IF, ICC/IF

Dilutions

WB: 10-20 µg/ml

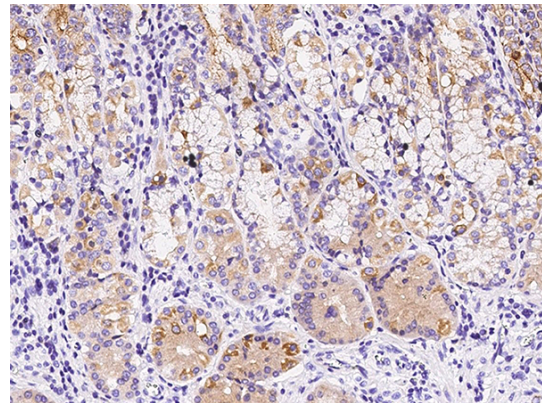
ICC/IF: 0.5-1.5 µg/mL

Validations



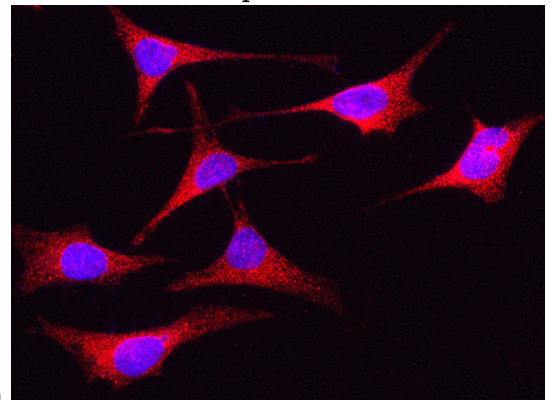
| Lanes | A |
|-----------------------------|---|
| Sample (tubule cell lysate) | Hela |
| Sample Volume (µg/lane) | 30 |
| Gel | 7.5% SDS-PAGE reducing gel |
| Recommended Concentration | 10-20 µg/ml |
| Secondary Antibody | DyLight 800 labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution |
| Explanation | Developed using Odyssey imaging system. Predicted band size : 109 kDa Observed band size : 109 kDa Additional bands at : 130 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings). |

PLK4 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



PLK4 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Immunochemical staining of human PLK4 in human stomach with rabbit polyclonal antibody (0.5 µg/mL, formalin-fixed paraffin embedded



sections).

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PLK4 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunofluorescence

Immunofluorescence staining of PLK4 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human

PLK4 polyclonal antibody (1 $\mu\text{g/ml}$) at 4°C overnight. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.