

## CaMKIbeta Ab

[Images\(2\)](#)

Cat.#: AF9031                      Concn.: ~1mg/ml                      Mol.Wt.: 38kDa  
Size:                                      Source: Rabbit                              Clonality: Polyclonal

Application:                      WB 1:1000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

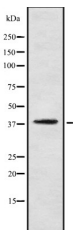
Reactivity:                      Human

Storage:                      Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

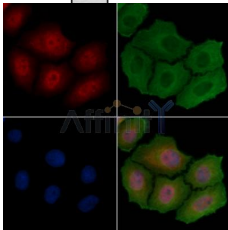
Purification:                      The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:                      A synthesized peptide derived from human CaMKIbeta, corresponding to a region within the internal amino acids.

Uniprot:                      Q6P2M8



Western blot analysis of CaMKIbeta using LOVO whole cell lysates



AF9031 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF9031) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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