

## 14-3-3 zeta/delta Ab

Cat.#: AF0653  
Size: 100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 28kDa  
Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

Reactivity: Human,Mouse,Rat

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

Specificity: 14-3-3 ζ Ab detects endogenous levels of 14-3-3 ζ.

Immunogen: A synthesized peptide derived from human 14-3-3 ζ.

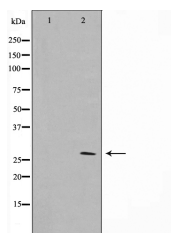
Uniprot: P63104

Description: 14-3-3 zeta is a protein of the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. A multifunctional regulator of the cell signaling processes. Phosphorylation apparently disrupts homodimerization.

Subcellular Location: Cytoplasm. Melanosome. Located to stage I to stage IV melanosomes.

Similarity: Belongs to the 14-3-3 family.

Storage Condition and Buffer: 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.



Western blot analysis on NIH-3T3 cell lysate using 14-3-3 ζ Ab. The lane on the left is treated with the antigen-specific peptide.



AF0653 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

**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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