

Code No. 18645

**Anti-Human
14-3-3 η Protein Rabbit IgG Affinity Purify**

Volume : 100 μ g

Introduction : The 14-3-3 proteins are family of conserved regulatory molecules expressed in all eukaryotic cells. A striking feature of the 14-3-3 proteins is their ability to bind a multitude of functionally diverse signaling proteins, including kinases, phosphatases, and transmembrane receptors. This plethora of interacting proteins allows 14-3-3 to play important roles in a wide range of vital regulatory processes, such as mitogenic signal transduction, apoptotic cell death, and cell cycle control.

Antigen : Synthetic peptide of N-terminal of Human 14-3-3 η

Purification : Purified with antigen peptide

Form : Lyophilized product from 1% BSA in PBS containing 0.05% NaN_3

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 μ g /mL)

Stability : Lyophilized product, 5 years at 2 – 8 $^{\circ}\text{C}$
: Solution, 2 years at –20 $^{\circ}\text{C}$

Application : This antibody can be immunohistochemistry with formalin fixed paraffin embedded tissues after micro wave treatment (10 minutes in 10 mM citrate buffer pH 6.0) by several techniques such as Avidin Biotin Complex (ABC) Method. The optimal concentration is about 5 μ g/mL, however, the dilution rate should be optimized by each laboratories.
: This antibody can be used for western blotting in concentration of 1 - 5 μ g /mL.

Specificity : Human 14-3-3 η specific
Not cross-react with Human 14-3-3 β , γ , ϵ , ζ , τ and σ

For research use only, not for use in diagnostic procedures.