

CyCAP (74) Anti-Rat Rabbit IgG Affinity Purify

Polyclonal Antibody

Cat.NO.: PA01121

3th Edition

Description: CyCAP is a binding protein for cyclophilin C in competition with cyclosporine. It is present in brain, kidney and macrophage cells and is known as an inflammation-related protein. In recent years, it has been reported that CyCAP forms complexes with calcineurin and NFATc1 in macrophages and enhances their phagocytosis activity (ref. 1). CyCAP is detected in macrophages both of in vivo and in vitro, and the signals increase when the macrophages are activated. Additionally, it is stained in neurocytes of rat brain tissues. (ref. 1)

Antigen: Synthetic peptide of a part of Rat CyCAP (LGRAAFGPGKGPIMLDEVEC). The sequence used is 100% identical with Mouse CyCAP.

Form: Lyophilized product in PBS containing 1 % BSA and 0.05 % NaN₃.

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Cross reacts with mouse CyCAP.