
CRP Antibody Blocking Peptide

Catalog Number: bs-0155P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Pentraxins are plasma proteins characterized by their pentameric discoid assembly and their Ca²⁺ dependent ligand binding, such as Serum amyloid P component (SAP) and C-reactive Protein (CRP), which are cytokine-inducible acute-phase proteins implicated in innate immunity. CRP binds to ligands containing phosphocholine, SAP binds to amyloid fibrils, DNA, chromatin, fibronectin, C4-binding proteins and glycosaminoglycans. "Long" pentraxins have N-terminal extensions to the common pentraxin domain; one group, the neuronal pentraxins, may be involved in synapse formation and remodeling, and they may also be able to form heteromultimers.

PRODUCT SPECIFIC PUBLICATIONS

[IF=11.092] Baoyang Lin. et al. Patterned Duplex Fibril based on Genetically Modified Spiderin for Smart Wound Management. ADV HEALTHC MATER. 2022 Nov;;2202213 Other ; . 36349744

[IF=8.355] Liu X et al. Polydopamine-based molecular imprinted optic microfiber sensor enhanced by template-mediated molecular rearrangement for ultra-sensitive C-reactive protein detection. Chemical Engineering Journal. 2020, May 387: 124074. Other ; . doi:10.1016/j.cej.2020.124074

[IF=1.96] Dong, Fang, et al. "Amperometric Immunosensor Based on Carbon Nanotubes/Chitosan Film Modified Electrodes for Detection of Human Leptin." International Journal of Electrochemical Science 9 (2014): 6924-6935. Other ; ="" . 10.1016/S1452-3981(23)10941-2