

## Rabbit Anti-Protein C inhibitor Polyclonal Antibody, Biotin Conjugated

## — D A T A S H E E T —

**Host:** Rabbit**Target Protein:** Protein C inhibitor**Clonality:** Polyclonal**Isotype:** IgG**Entrez Gene:** [5104](#)**Swiss Prot:****Source:** KLH conjugated synthetic peptide derived from human Protein C inhibitor**Purification:** Purified by Protein A.**Storage:** Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide. Store at 4 °C for 12 months.

**Background:** Protein C Inhibitor (PCI), a member of the serine protease inhibitor (serpin) superfamily, is abundant in plasma and other body fluids. Protein C Inhibitor inhibits a number of "arginine specific" serine proteases of the coagulation and fibrinolytic systems (including thrombin, trypsin, and activated Protein C), as well as plasma and tissue kallikreins and the sperm protease acrosin. This inhibition is regulated by glycosaminoglycans, such as heparin and heparan sulphate, and several polyanions. As well as its roles in the regulation of hemostasis and fertilisation, Protein C Inhibitor is involved in cell inflammation, proliferation, apoptosis, tumour cell migration, invasion, and metastasis. Recent studies have demonstrated an association between Protein C Inhibitor and multiple sclerosis lesions.

**Conjugation:** Biotin**Excitation/ Emission:** N/A**Size:** 100ul**Concentration:** 1ug/ul**Applications:** WB(1:100-1000)  
IHC-P(1:100-500)**Cross Reactive Species:** Human  
Mouse  
Rat

Caution: For research use only. Not for human or animal therapeutic or diagnostic use.