

Rev03
Update: Dec,14,2021

DATASHEET

Protein C -Tag Antibody (HPC4), pAb, Rabbit

Cat. No.: A00637

Overview

Specificity	This Antibody recognizes Protein C tagged fusion proteins.
Host Species	Rabbit
Immunogen	Protein C epitope tag peptide CEDQVDPRLIDGK conjugated to KLH
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

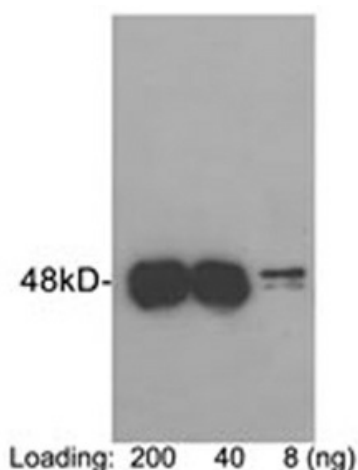
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml
Western Blot	1:100-1:1,000
Other applications	User-optimized

Properties

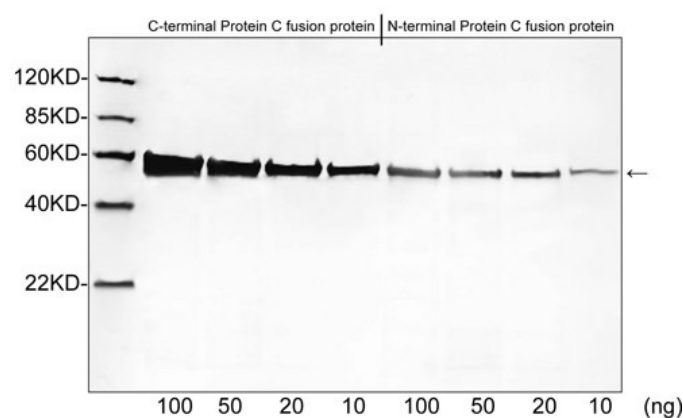
Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Purification	Affinity chromatography
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Id	Not applicable

Examples



Loading: Protein C tag fusion protein expressed in *E. coli* cell lysate
 Antibody: Rabbit Anti-Protein C (HPC4)-tag Polyclonal Antibody (GenScript, A00637)
 The result was developed with One-Step Western™ Complete Kit (Rabbit) (GenScript, L00204C)



Western blot analysis of Protein C tagged fusion proteins expressed in *E. coli* cell lysate using Rabbit Anti-Protein C-tag Polyclonal Antibody (GenScript, A00637, 1 µg/ml) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Background

Target Background : Protein C is a Vitamin K-dependent plasma zymogen that is activated by proteolytic cleavage of the thrombin-thrombomodulin complex to form an anticoagulant enzyme. Protein C Tag is a 12 amino acid sequence EDQVDPRLIDGK, which encodes residues 6 through 17 of the heavy chain of the protein. Protein C Tag Antibody is a useful tool in analysis of Protein C fusion proteins. GenScript Rabbit Anti-Protein C (HPC4)-tag antibody is highly purified from rabbit antiserum by immunoaffinity chromatography.

Synonyms : Rabbit Anti-Protein C (HPC4)-tag pAb;

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.