

DATASHEET

Version: 2016-08-17

S-tag Antibody, pAb, Rabbit**Cat. No.:** A00625-100**Size:** 100 µg**Synonyms:** Rabbit Anti-S-tag pAb; Anti-S-tag**Description:**

S-tag is derived from pancreatic ribonuclease A (RNase A). With its abundance of charged and polar residues, the tag could improve solubility of recombinant proteins. It can be fused at the N- or C-terminus of target protein. S-tag Antibody is a useful tool in detection of recombinant proteins containing the S-tag.

Immunogen: S epitope tag peptide KETAAAKFERQHMS conjugated to KLH**Host:** Rabbit**Conjugation:** Unconjugated**Formulation:**

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.

Ig Subclass: Rabbit IgG**Specificity:** GenScript Rabbit Anti-S-tag Polyclonal Antibody specifically recognizes S tagged fusion proteins.**Purification:** Immunoaffinity chromatography**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.

ELISA: 0.05-0.2 µg/ml**Western blot:** 0.1-1.0 µg/ml**Western blot using ONE-HOUR Western™ Kit:**

For quick results, GenScript ONE-HOUR Western™ Kit L00204C is recommended. 10 µg of this antibody is mixed with 10 ml of WB solution for 8 cm x 8 cm membrane.

Other applications: user-optimized**Reconstitution:**

Reconstitute the lyophilized product with deionized water (or equivalent) to make antibody concentration of 0.5 mg/ml.

Storage:

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.