

DATASHEET

Version: 2016-08-17

Trx-tag Antibody, pAb, Goat**Cat. No.:** A00129-40**Size:** 40 µg**Synonyms:** Thioredoxin Antibody;**Description:**

Thioredoxin (Trx) is small, multi-functional protein with oxidoreductase activity. It is a 12 kD redox protein with disulphide oxidoreductase activity. It has been used as an epitope tag in expression vectors.

GenScript **Trx-tag Antibody, pAb, Goat** is developed in goat using purified recombinant Trx-tag fusion protein. It is suitable for detecting fusion proteins that contain a Trx tag.

Immunogen: Purified recombinant Trx-tag fusion protein**Host:** Goat**Conjugation:** Unconjugated**Formulation:**

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

Ig Subclass: IgG

Specificity: GenScript **Trx-tag Antibody, pAb, Goat** specifically reacts with fusion proteins containing Trx epitope tags.

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 µg/ml**Other applications:** user-optimized**Species Reactivity:** *E. coli*, human**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to 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.