

Rev04
Update: Oct,19,2022

DATASHEET

TF-tag Antibody, pAb, Rabbit

Cat. No.: A01329

Overview

Specificity	GenScript Rabbit Anti-TF-tag polyclonal antibody specifically reacts with fusion proteins containing TF tag. The antibody can also detect endogenous levels of E.coli trigger factor.
Host Species	Rabbit
Immunogen	Purified recombinant TF protein
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.

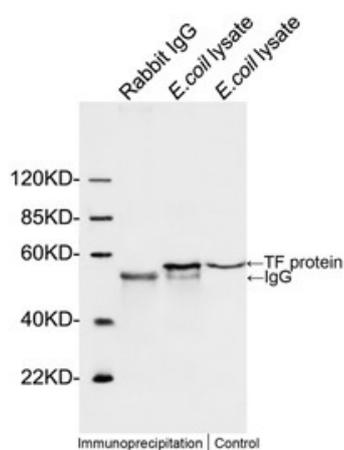
Application	Recommended Usage
Immunoprecipitation (IP)	2-10 µg/mg of lysate
ELISA	0.05-0.2 µg/ml
Western Blot	0.2-1 µg/ml

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 an 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
Note	Small volumes of antibody will occasionally become entrapped in the seal of the product vial during shipment and storage. Before use, briefly centrifuge the vial to dislodge any liquid in the container's cap.

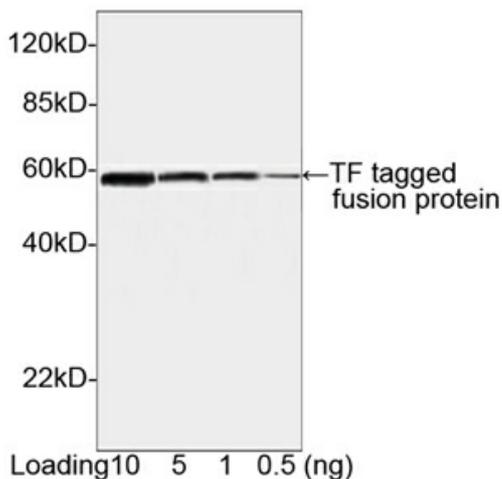
Examples



Lane 1 (Rabbit IgG): Negative control – IP with isotype control antibody (GenScript, A01008)

Lane 2 (E.coil lysate): Immunoprecipitation with TF-tag Antibody, pAb, Rabbit (GenScript, A01329)

Lane 3 (E.coil lysate): Input control material for lysate expressing TF-tagged fusion protein



Western blot analysis of TF-tagged fusion protein using TF-tag Antibody, pAb, Rabbit (GenScript, A01329, 1 µg/ml)

The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Predicted Size: 59 kD

Observed Size: 59 kD

Background

Target Background : Well-characterized antibodies for epitope tags have been widely used in the study of protein expression in various systems. Trigger Factor (TF) is a prokaryotic ribosome-associated chaperone protein (48 kDa) which facilitates co-translational folding of newly expressed proteins, thus enabling efficient soluble protein production for otherwise intractable target proteins. GenScript Rabbit Anti-TF-tag polyclonal Antibody is developed in rabbit using purified recombinant TF protein. This polyclonal antibody is highly purified from rabbit antiserum by immunoaffinity chromatography.

Synonyms : Rabbit Anti-TF-tag pAb;

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