

Rev04
Update: Oct,19,2022

DATASHEET

TAP-tag Antibody [HRP], pAb, Rabbit

Cat. No.: A01435

Overview

Specificity	GenScript Rabbit Anti-TAP-tag [HRP] Polyclonal Antibody is specific to fusion proteins containing TAP epitope tag.
Host Species	Rabbit
Immunogen	Synthetic peptide CSSGALDYDIPTTASENLYFQ conjugated to KLH.
Conjugate	Horseradish peroxidase (HRP)

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.

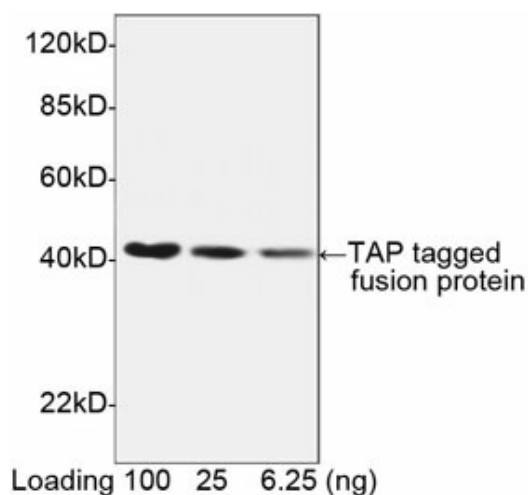
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.5-1 µg/ml

Properties

Form	Lyophilized
Storage Buffer	lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal
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



Western blot analysis of TAP-tagged fusion protein using TAP-tag Antibody [HRP], pAb, Rabbit (GenScript, A01435, 1 µg/ml). The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Predicted Size: 42 kD

Observed Size: 42 kD

Background

Target Background : Well-characterized antibodies for epitope tags consisting of short sequences have been widely used in the study of protein expression in various systems. The TAP (tandem affinity purification) tag allows rapid purification of complexes from a relatively small number of cells without prior knowledge about the composition, activity, or function of the complex. Combined with mass spectrometry, the TAP strategy allows for the identification of proteins interacting with a given target protein. The Rabbit anti-TAP tag consists a 21 residue peptide, CSSGALDYDIPTTASENLYFQ, derived from c-terminal of the TAP construct after TEV cleavage. GenScript Rabbit Anti-TAP-tag [HRP] Polyclonal Antibody is highly purified from rabbit antiserum by immunoaffinity chromatography and then conjugated to horseradish peroxidase. The antibody is suitable for detecting fusion proteins that contain TAP tag.

Synonyms : Rabbit Anti-TAP-tag[HRP] polyclonal antibody;

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