bs-23474R **[Primary Antibody]**

Nano-Tag (15) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Nano-Tag (15)

Purification: affinity purified by Protein A

Concentration: 1mg/1ml

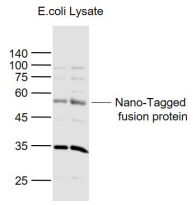
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Well-characterized antibodies for epitope tags consisting of short sequences are widely used in the study of protein expression in various systems. The Nano-tag is a new streptavidin-binding peptide for both the purification and the detection of Nano-tagged proteins. This peptide possesses nanomolar-affinity for streptavidin and therefore is termed Nano-tag. The nano-tags have two types, Nano-tag15 (MDVEAWLGARVPLVET) and Nano-tag9 (MDVEAWLGAR), which bind to streptavidin with dissociation constants of 4 nM and 17 nM, respectively.

Applications: **WB** (1:1000-2000)

Reactivity: Species independent

VALIDATION IMAGES



Sample: Lane 1: Nano-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 2ug Lane 2: Nano-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-41403P) at 4ug Primary: Anti-Nano-Tag15 (bs-23474R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD