

Rev05  
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**DATASHEET**

# Avi-tag Antibody, pAb, Rabbit

Cat. No.: A00674

## Overview

<b>Specificity</b>	This Antibody recognizes Avi tagged fusion proteins.
<b>Host Species</b>	Rabbit
<b>Immunogen</b>	Avi tag peptide conjugated to KLH
<b>Conjugate</b>	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.

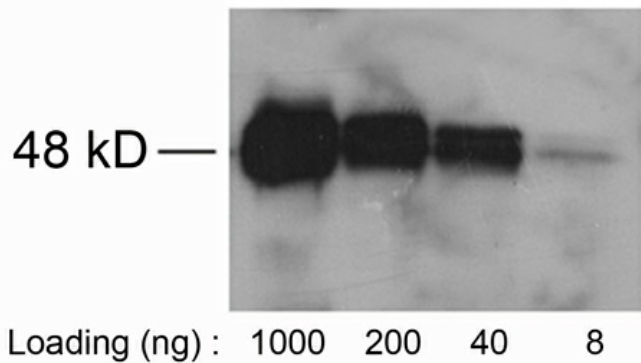
<b>Application</b>	<b>Recommended Usage</b>
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml
Western Blot	1:100-1:1,000

## Properties

<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
<b>Storage Instructions</b>	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
<b>Purification</b>	Affinity chromatography

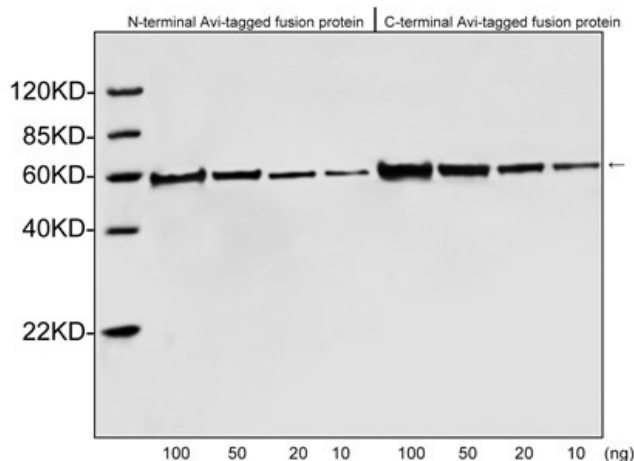
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone ID	Not applicable

## Examples



Loading: Avi-tag fusion protein expressed in *E. coli* cell lysate  
 Antibody: 1 ug/ml Rabbit Anti-Avi-tag Polyclonal Antibody (GenScript, A00674)

The result was developed with One-Step Western™ Basic Kit (GenScript, L00204C)



Western blot analysis of Avi tagged fusion proteins expressed in *E. coli* cell lysate using Rabbit Anti-Avi-tag Polyclonal Antibody (GenScript, A00674, 1 µg/ml) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

## Background

**Target Background :** Well-characterized antibodies for epitope tags have been widely used in the study of protein expression in various systems. The Avi tag is a biotin-acceptor peptide<sup>1</sup>, GLNDIFEAQKIEWHE. The 15-residue peptide served as a substrate mimic for biotin ligase (BirA), which usually recognizes the much larger protein domain. GenScript Rabbit Anti-Avi-tag Polyclonal Antibody is developed in rabbit using a synthetic Avi tag peptide conjugated to KLH.

**Synonyms :** Rabbit Anti-Avi-tag pAb; Rabbit Anti-Avi-tag

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

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