

Rev04
Update: Oct,19,2022

DATASHEET

VSV-G-tag Antibody, pAb, Rabbit

Cat. No.: A00199

Overview

Specificity	This Antibody recognizes VSV-G tagged fusion proteins.
Host Species	Rabbit
Immunogen	VSV-G epitope tag peptide YTDIEMNRLGK conjugated to KLH
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature, and length of incubations, etc. 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.

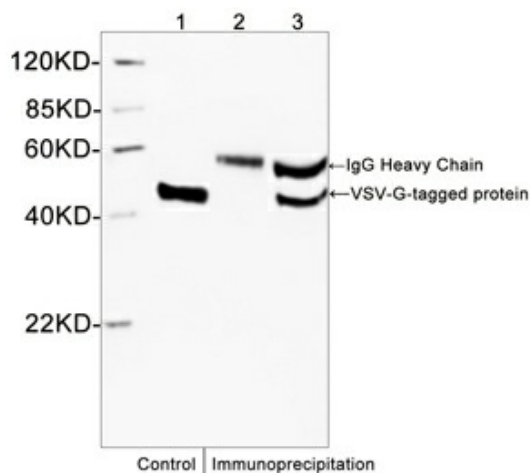
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml
Western Blot	1:100-1:1,000
Immunoprecipitation (IP)	2-10 µg/mg of lysate

Properties

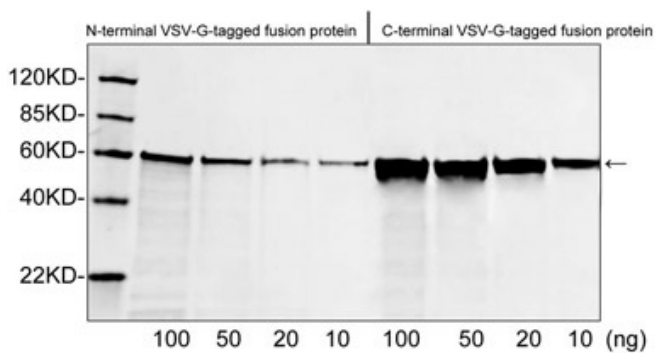
Form	Lyophilized
Storage Buffer	Lyophilized in PBS, pH7.4, containing 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 1 mg/ml.
Storage Instructions	The antibody is stable for 2-3 weeks if stored at 2-8°C. For long 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 volume of antibody will occasionally become entrapped in the cap of the vial during shipment and storage. Before use, centrifuge the vial briefly to bring down any liquid in the cap.

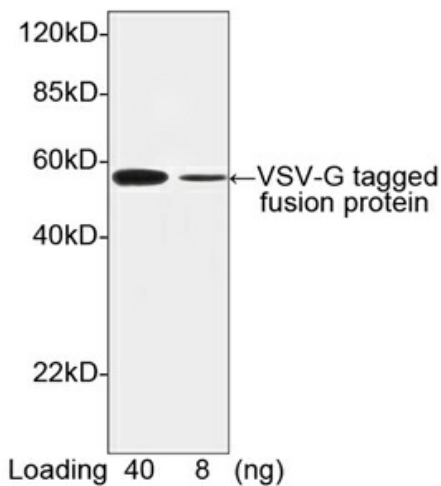
Examples



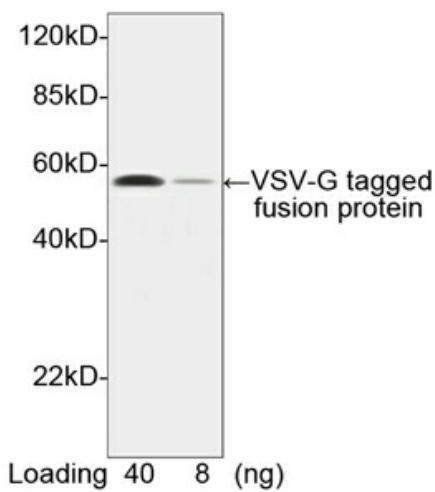
Western blot analysis of immunoprecipitates from VSV-G fusion protein lysates using Rabbit Anti-VSV-G-tag Polyclonal Antibody (GenScript, A00199).
 Lane 1: Input control material for VSV-G fusion protein lysates
 Lane 2: Negative control – IP with isotype control antibody (GenScript, A01008)
 Lane 3: Immunoprecipitation with Rabbit Anti-VSV-G-tag Polyclonal Antibody (GenScript, A00199).



Western blot analysis of VSV-G tagged fusion proteins expressed in E. coli cell lysate using Rabbit Anti-VSV-G-tag Polyclonal Antibody (GenScript, A00199, 1 µg/ml) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.



Western blot analysis of VSV-G-tagged fusion protein using VSV-G-tag Antibody, pAb, Rabbit (GenScript, A00199, 0.1 µg/ml). The signal was developed with Goat Anti-Rabbit IgG (H&L) [HRP] Polyclonal Antibody (GenScript, A00098, 1:10,000) and LumiSensor™ HRP Substrate Kit (GenScript, L00221). Predicted Size: 52 kD, Observed Size: 52 kD.



Western blot analysis of VSV-G-tagged fusion protein using VSV-G-tag Antibody, pAb, Rabbit (GenScript, A00199, 1 µg/ml). The signal was developed with One-Step Western™ Basic Kit (Rabbit) (GenScript, L00204). Predicted Size: 52 kD, Observed Size: 52 kD.

Background

Target Background : Rabbit Anti-VSV-G-tag Polyclonal Antibody is supplied as a 40 µg aliquot at a concentration of 1 mg/ml in PBS, pH 7.4, containing 0.02% sodium azide. It is purified by immunoaffinity chromatography.

Synonyms : Anti-VSV-G-tag;

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