Datasheet for ABIN1573887

anti-VSV-g Tag antibody

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Overview

Quantity:	100 µg
Target:	VSV-g Tag
Reactivity:	Vesicular Stomatitis Virus (VSV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VSV-g Tag antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	VSV-G epitope tag peptide YTDIEMNRLGK conjugated - KLH
Sequence:	YTDIEMNRLG K
Isotype:	IgG1
Specificity:	This Antibody recognizes C-terminal, N-terminal, and internal VSV-G tagged fusion proteins.
Purification:	Immunoaffinity chromatography

Target Details

Target:	VSV-g Tag
Alternative Name:	VSV-G-Tag (VSV-g Tag Products)
Target Type:	Tag
Background:	Rabbit Anti-VSV-G-tag Polyclonal Antibody is supplied as a 40 µg aliquot at a concentration of 1

Target Details

	mg/ml in PBS, pH 7.4, containing 0.02% Sodium azide. It is purified by immunoaffinity chromatography.

Application Details

Application Notes:	Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by severalfactors, 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 thoselisted below has not been determined. The following concentration rangesare recommended starting points for this product. ELISA: 0.05-0.2 µg/mL Western blot: 0.1-1.0 µg/mLWestern Blot Using ONE-HOUR WesternTM Kit: For quick results, ONE-HOUR WesternTM Kit is recommendet. 10 µg of this antibody is mixed with 10 mL of WB solution for 8 cm x 8 cm membrane.Immunoprecipitation (IP): 2-10 µg/mg of lysateOther applications: user-optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C/-20 °C
Storage Comment:	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.

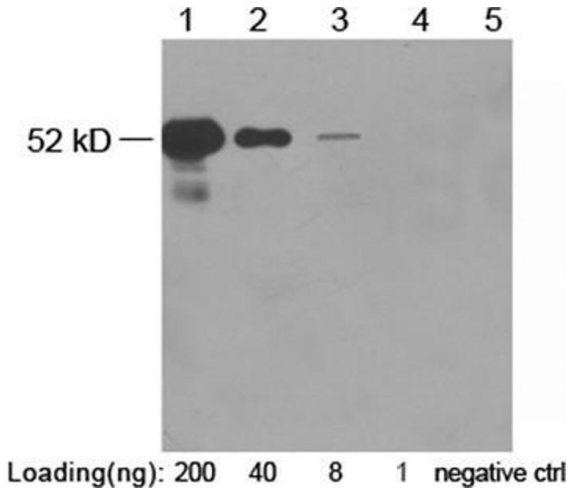
Publications

Product cited in:

Wu, Storey: "FoxO3a-mediated activation of stress responsive genes during early torpor in a mammalian hibernator." in: **Molecular and cellular biochemistry**, Vol. 390, Issue 1-2, pp. 185-95, (2014) (PubMed).

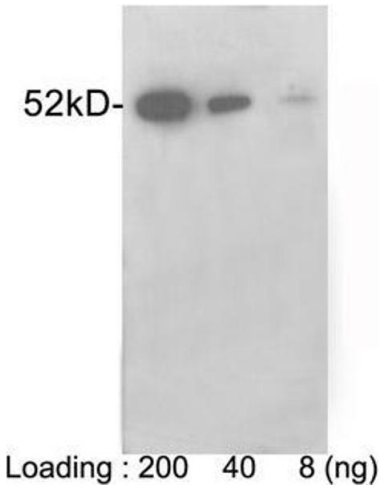
Li, Zhou, Zhang, Su, Hang, Zhao, Su, Zhou: "BIM induction of apoptosis triggered by EGFR-sensitive and resistance cell lines of non-small-cell lung cancer." in: **Medical oncology (Northwood, London, England)**, Vol. 28, Issue 2, pp. 572-7, (2011) (PubMed).

Images



Western Blotting

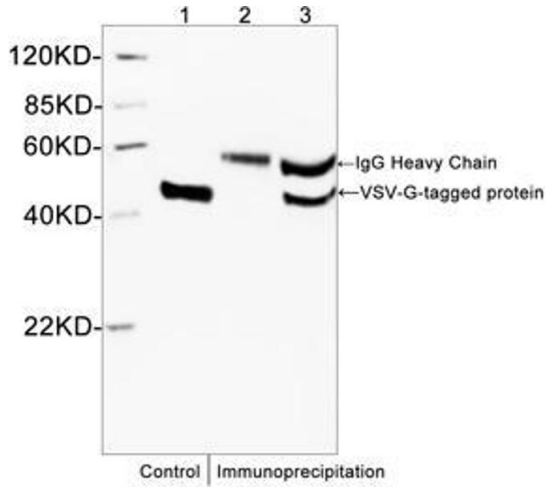
Image 1. Western blot analysis of VSV-G fusion protein (MW~52 kD) using 0.1 µg/mL Rabbit Anti-VSV-G-tag Polyclonal Antibody (ABIN398427) Lane 1-4: VSV-G fusion protein in 293 cell lysate (~52 kD) Lane 5: Negative 293 cell lysateSecondary antibody: Goat Anti-Rabbit IgG (H&L) [HRP] Polyclonal Antibody (ABIN398323, 1: 10,000) The signal was developed with LumiSensorTM HRP Substrate Kit (ABIN769939)



Western Blotting

Image 2. Loading: VSV-G tag fusion protein expressed in E. coli cell lysate Primary antibody: 1 µg/mL Rabbit Anti-VSV-G-tag Polyclonal Antibody (ABIN398427) The signal was developed with One-Step WesternTM Basic Kit (ABIN491504)

Images



Western Blotting

Image 3. Western blot analysis of immunoprecipitates from VSV-G fusion protein lysates using Rabbit Anti-VSV-G-tag Polyclonal Antibody (ABIN398427) .Lane 1: Input control material for VSV-G fusion protein lysatesLane 2: Negative control-IP with isotype control antibody (ABIN398653) Lane 3: Immunprecipitation with Rabbit Anti-VSV-G-tag Polyclonal Antibody (ABIN398427) .