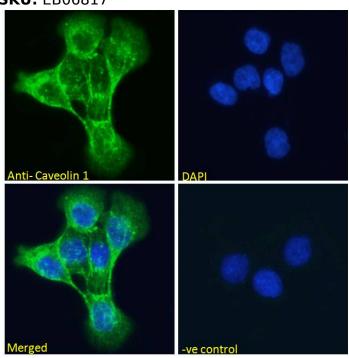


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-CAVEOLIN 1 ANTIBODY

SKU: EB06817



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Alias Names

Synonym / LCCNS|CGL3|BSCL3|cell growth-inhibiting protein 32|caveolin 1, beta isoform|caveolin 1, alpha isoform|caveolin 1 caveolae protein, 22kD|caveolin 1|caveolae protein, 22-kD|VIP21|MSTP085|CAV|HGNC:1527|caveolin 1, caveolae

protein, 22kDa|CAV1

Usage Summary

Immunofluorescence: Strong expression of the protein seen in the Golgi and membranes of A431 cells and in the cytoplasm and Golgi of U2OS cells. Recommended concentration: 10µg/ml. Flow

Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Accession

NP_001744.2; NP_001166366.1

Blocking Peptide

EBP06817





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Immunogen

Peptide with sequence C-DELSEKQVYDAH, from the internal region of the protein sequence according to

NP_001744.2; NP_001166366.1.

Product Comments This antibody is expected to recognize both reported isoforms (NP 001744.2; NP 001166366.1). Reported variants represent identical protein: NP_001166367.1, NP_001166368.1, NP_001166366.1. No cross-reactivity expected to

Caveolin 2 and Caveolin 3

Peptide Sequence

C-DELSEKQVYDAH

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog, Pig Species

Reactive

Human **Species**

Human

857

Gene ID

Mouse Gene ID

12389

Rat Gene ID 25404

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png

Grade

IHC Results Paraffin embedded Human Uterus. Recommended concentration: 2.5µg/ml.

ELISA

Detection Antibody detection limit dilution 1:8000.

Limit

Approx 22kDa band observed in lysates of cell lines A431 and A549 and in Human Heart lysates (calculated MW of

Western Blot

20.5kDa according to NP_001744.2). Recommended concentration: 0.001-0.01µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Pig Heart and Spleen, and Mouse and Rat Lung for this

particular batch.

Application

Pep-ELISA, WB, IF, IHC, FC Type

GALLERY IMAGES





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