



Product Datasheet

CAV1 Antibody (orb1248004)



www.biorbyt.com

Description ^{nts.}	CAV1 Antibody

Species/Host Goat

Reactivity Human

Conjugation Unconjugated

Tested ELISA, FC, IF, WB

Applications

Immunogen The immunogen for this antibody is: C-DELSEKQVYDAH

Target CAV1

Preservatives Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH

7.3 with 0.5% bovine serum albumin. Aliquot and store at -

20°C. Minimize freezing and thawing.

Form/Appearance Liquid

Concentration 500 ug/mL

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

Note For research use only

Application notes Peptide ELISA: antibody detection limit dilution

1:8000.Western Blot:Approx 22kDa band observed in lysates of cell lines A431 and A549 and in Human Heart lysates (calculated MW of 20.5kDa according to NP_001744.2). Recommended concentration: 0.001-0.01ug/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.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: 10ug/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells.

Recommended concentration: 10ug/ml.

Clonality Polyclonal

Uniprot ID Q03135

NCBI NP 001744.2, NP 001166366.1

Dilution Range Peptide ELISA: antibody detection limit dilution

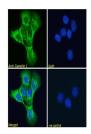
1:8000.Western Blot:Approx 22kDa band observed in lysates of cell lines A431 and A549 and in Human Heart lysates (calculated MW of 20.5kDa according to NP_001744.2). Recommended concentration: 0.001-0.01ug/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Pig Heart and Spleen, and Mouse and Rat Lung for this particular batch.Immunofluorescence: Strong expression of the protein seen in the Golgi and

50kDa 100kDa 50kDa 37kDa 25kDa 20kDa

orb1248004 (5 ug/ml) staining of paraffi...

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

orb1248004 (0.003 ug/ml) staining of A43...



orb1248004 (0.003 ug/ml) staining of Hum...