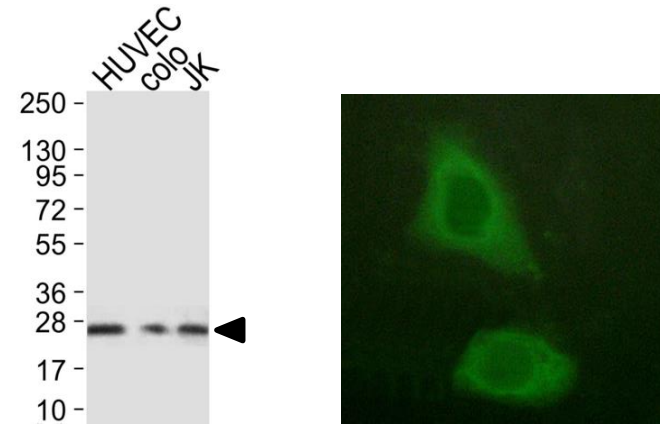


## Caveolin-1 Antibody

<b>ALTERNATE NAMES:</b>	CAV1, CAV
<b>CATALOG NO :</b>	A1010-50
<b>AMOUNT:</b>	50 µl
<b>HOST:</b>	Rabbit
<b>CLONALITY:</b>	Polyclonal
<b>IMMUNOGEN:</b>	Synthetic peptide from human Caveolin-1 (Ile 150 – Ile 178)
<b>ISOTYPE:</b>	IgG
<b>MOLECULAR WEIGHT:</b>	20 kDa
<b>FORMULATION:</b>	Supplied in PBS (pH 7.4) with 150mM NaCl, 0.02% sodium azide and 50% glycerol
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation. Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Recruits CTNNB1 to caveolar membranes and may regulate CTNNB1-mediated signaling through the Wnt pathway.
<b>APPLICATION:</b>	Western Blot 1:1000 Immunofluorescent staining 1:100

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



### Western blot and Immunofluorescent staining analysis of Caveolin-1 using anti-Caveolin-1 antibody.

**(Left)** Western blot analysis in HUVEC, Nolo and Jurkat cell lysate using anti-Caveolin-1 Antibody. Caveolin-1 (arrow) was detected using the purified antibody. **(Right)** Immunofluorescent staining of HUVEC cells using anti-Caveolin-1 antibody.

### RELATED PRODUCTS:

- Integrin Ligand peptide (Cat. No. 1824-5, -25)
- Akt/PKB Antibody (Cat. No. 3247-100)
- AKT1 Antibody (CT) (Cat No. 6744 -10)
- Active Akt1 (Cat. No. 7701-5, -100)
- Mcl-1 Antibody (Cat. No. 3035-100)
- Bax Antibody (Cat. No. 3032-100)
- BAX Activator, BAM7 (Cat No. 2451-5)

**FOR RESEARCH USE ONLY! Not to be used on humans.**