

35-1855: Polyclonal Antibody to Caveolin-2

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	CAV2
Gene ID :	858
Uniprot ID :	P51636
Format :	Purified
Alternative Name :	CAV2
Isotype :	Rabbit IgG
Immunogen Information :	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Description

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Acts as an accessory protein in conjunction with CAV1 in targeting to lipid rafts and driving caveolae formation. The Ser-36 phosphorylated form has a role in modulating mitosis in endothelial cells. Positive regulator of cellular mitogenesis of the MAPK signaling pathway. Required for the insulin-stimulated nuclear translocation and activation of MAPK1 and STAT3, and the subsequent regulation of cell cycle progression.

Product Info

Amount :	50 μ l / 100 μ l
Content :	1.0 mg/ml, 100 μ l
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 18 22kd, Western blotting: 1:500~1:1000

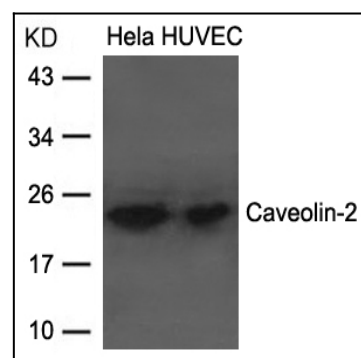


Figure 1: Western blot analysis of extracts from HeLa and HUVEC cells using Caveolin-2 Antibody, 35-1855 .