

CAV1 Polyclonal Antibody

Catalog No. E-AB-30777

Note: Centrifuge before opening to ensure complete recovery of vial contents.

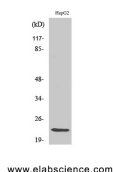
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human Caveolin-1 around the non-phosphorylation site of Tyr14.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:20000

Data



Western Blot analysis of HepG2 cells with CAV1
Polyclonal Antibody
Observed Mw:25kDa
Calculated Mw:20kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity (By similarity). 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.

For Research Use Only