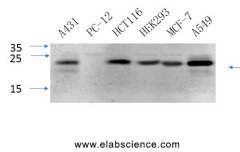


## CAV1 Polyclonal Antibody

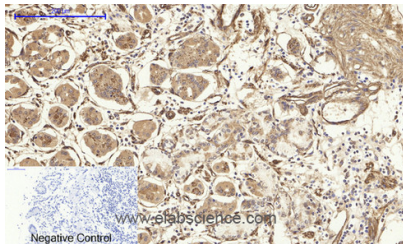
<b>Catalog No.</b>	E-AB-30778	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC-p,IF,ELISA	<b>Isotype</b>	IgG

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

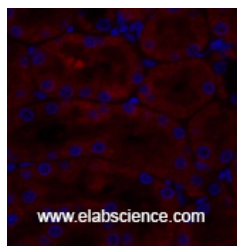
### Images



Western Blot analysis of various cells using CAV1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human stomach tissue using CAV1 Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat kidney tissue using CAV1 Polyclonal Antibody at dilution of 1:200.

### Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human Caveolin-1
<b>Swissprot</b>	Q03135
<b>Synonyms</b>	CAV1,CAV,Caveolin-1

### Product Information

<b>Calculated MW</b>	20kDa
<b>Observed MW</b>	25kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-2000, IHC 1:50-300, IF 1:50-300

### 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

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.