

Anti-Caveolin 1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012310

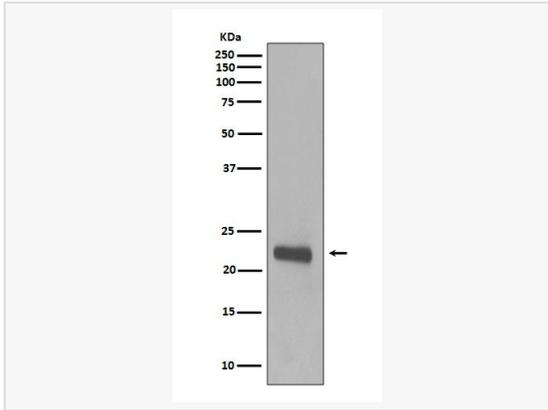
Product Information

Application	ELISA, WB, ICC/IF (Cell), IHC-P/IF (Tissue-P)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Caveolin-1
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caveolin 1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

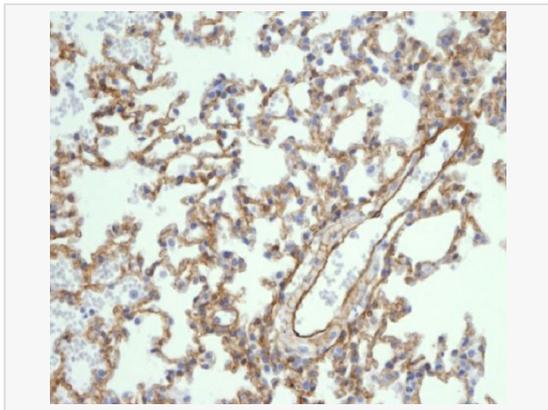
Protein Information

Synonyms	CAV1, CAV, Caveolin-1.
Calculated MW	Calculated MW: 20 kDa; Observed MW: 25 kDa
Uniprot ID	Q03135
Gene ID	857
Background	Caveolin-1 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.

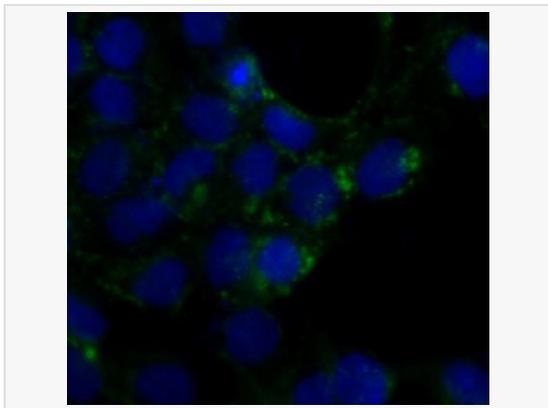
Validation Images



Western blot analysis of Caveolin1 in A431 lysates using Caveolin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded mouse lung using Caveolin1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Caveolin 1 in A431 using Caveolin1 antibody.