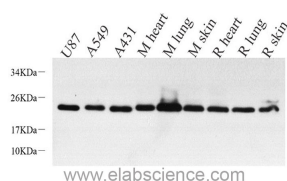


CAV1 Polyclonal Antibody

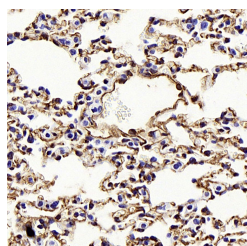
Catalog No.	E-AB-70344	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

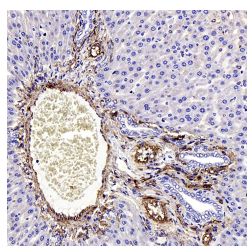
Images



Western Blot analysis of various samples using CAV1 Polyclonal Antibody at dilution of 1:800.



Immunohistochemistry analysis of paraffin-embedded mouse lung using CAV1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded rat liver using CAV1 Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Caveolin-1
Swissprot	Q03135,P49817,P41350
Synonyms	CAV1, BSCL3, CGL3, LCCNS, MSTP085, PPH3, VIP21, Caveolin 1

Product Information

Calculated MW	20kDa
Observed MW	20kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:500-1:1000

Background

Caveolin-1 (CAV1), a multifunctional protein, is the main constituent molecule of caveolae and represents a scaffolding molecule for several signaling molecules including epidermal growth factor receptor. Several studies have implicated that a reduced expression of CAV1 was found in cancers including head and neck carcinoma. However, other studies recognize CAV1 as a tumor promoter because CAV1 is overexpressed in various kinds of cancers, especially in oral cancer. Recent study also shows that CAV1 is involved in gastric cancer.

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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.