CAV1 Polyclonal Antibody

catalog number: **E-AB-70344**

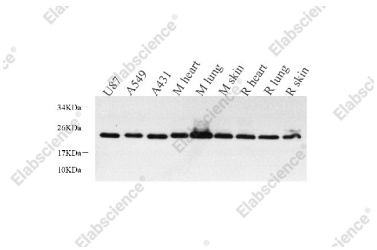
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Caveolin-1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:500-1:1000

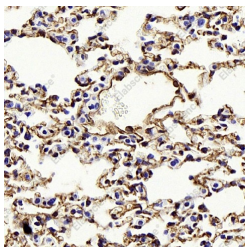
Data



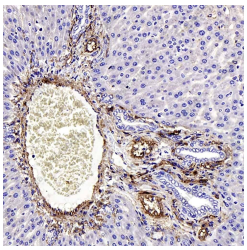
Western Blot analysis of various samples using CAV1 Polyclonal Antibody at dilution of 1:800.

Observed-MW:20 kDa

Calculated-MW:20 kDa



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.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
Email: techsupport@elabscience.com

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 show that CAV1 is involved in astric Cancer .

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