

Anti-CAV3 antibody (1-151) (STJ110389)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

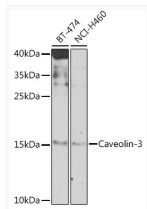
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

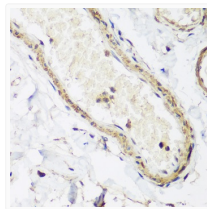
Gene ID	859
Gene Symbol	CAV3
UniProt ID	CAV3_HUMAN
Immunogen Region	1-151
Immunogen Sequence	MMAEEHTDLEAQIVKDIHCK EIDLVNRDPKNINEDIVKVD FEDVIAEPPVGTYSFDGVWVKV SYTFTVSKYWCYRLLSTLL GVPLALLWGFLFACISFCHI WAVVPCIKSYLIEIQCISHI YSLCIRTFNPLFAALGQVC SSIKVVLRKEV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-151 of human Caveolin-3 (NP_001225.1).

ADDITIONAL INFORMATION

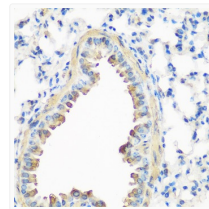
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using Caveolin-3 Rabbit pAb (STJ110389) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human colon using Caveolin-3 Rabbit pAb (STJ110389) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Caveolin-3 Rabbit pAb (STJ110389) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.