Anti-Phospho-Caveolin-1 (Tyr14) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014435

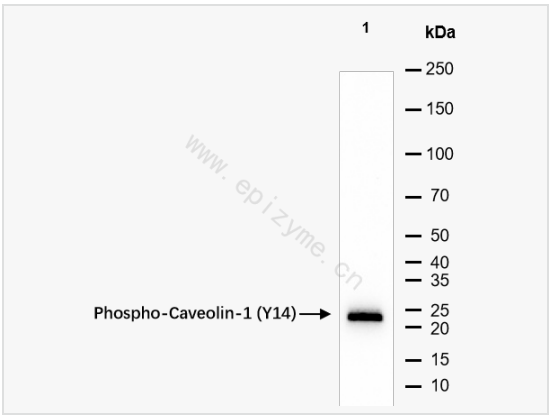
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	67L62J03
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-Caveolin-1 (Y14)
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
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-Phospho-Caveolin-1 (Tyr14) Rabbit mAb [43L43M78] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BSCL3, CAV, CAV1, CAV1_HUMAN, caveolae protein, 22 kD, caveolin 1 alpha isoform, caveolin 1 beta isoform, Caveolin 1 caveolae protein 22kDa, Caveolin-1, Caveolin1, cell growth-inhibiting protein 32, CGL3, LCCNS, MSTP085, OTTHUMP00000025031, PPH3, VIP 21, VIP21.
Calculated MW	Calculated MW: 20 kDa; Observed MW: 23 kDa
Uniprot ID	Q03135
Gene ID	857
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).
Cellular Location	Golgi apparatus membrane. Cell membrane. Membrane > caveola. Membrane raft. Colocalized with DPP4 in membrane rafts. Potential hairpin-like structure in the membrane. Membrane protein of caveolae.
Tissue Location	Expressed in muscle and lung, less so in liver, brain and kidney.

Validation Images



Western Blot - Anti-Phospho-Caveolin-1 (Tyr14) Rabbit mAb [43L43M78]
All lanes: R014435 at 1:1,000 dilution
Lane 1: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 20 kDa
Observed band size: 23 kDa
Developed using the ECL technique (Cat. No. SQ201).