

Anti-Caveolin 3 Antibody (8L453)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 17 kDa. Actual: 17 kDa.
Clone:	8L453
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">25 µg total protein per lane of various lysates (see on figure) probed with Caveolin 3 monoclonal antibody, unconjugated (TMAB-03700) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.25 µg total protein per lane of various lysates (see on figure) probed with Caveolin 3 monoclonal antibody, unconjugated (TMAB-03700) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IP
Recommended	WB: 1:500-2000; IP: 1:20-50

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Caveolin 3
Antigen Species:	Human
Gene ID:	859
Uniprot ID:	P56539

Research Background

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. May also regulate voltage-gated potassium channels. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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