

Anti-FKBP1A Antibody (10402)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 12 kDa. Actual: 12 kDa.
Clone:	10402
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with FKBP1A monoclonal antibody, unconjugated (TMAB-06044) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,ICC/IF
Recommended	WB: 1:500-2000; ICC/IF: 1:50-200

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 FKBP1A
Antigen Species:	Human
Gene ID:	2280
Uniprot ID:	P62942

Research Background

May play a role in modulation of ryanodine receptor isoform-1 (RyR-1), a component of the calcium release channel of skeletal muscle sarcoplasmic reticulum. There are four molecules of FKBP12 per skeletal muscle RyR. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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