

Anti-Spermine synthase Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 41 kDa. Actual: 46 kDa.
Purification:	Protein A purified

Applications

Sample:	Raw264.7 (Mouse) Cell Lysate at 30 µg Spleen (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-Spermine synthase (TMAB-13101) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 46 kD
Application:	WB
Recommended	WB: 1:500-2000

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:	KLH conjugated synthetic peptide: human Spermine synthase
Antigen Species:	Human
Gene ID:	6611
Uniprot ID:	P52788

Research Background

Spermine synthase catalyzes the production of spermine from spermidine. Spermine, a polyamine ubiquitously present in most organisms, is essential for normal cell growth and differentiation. Because absence of spermine increases sensitivity of cells to anti-tumor agents, spermine synthase (and other polyamine biosynthesis) is an attractive target for anti-neoplastic therapy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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