

Rabbit Anti-Conjugated Spermine Polyclonal Antibody

Catalog No: PA2064

Size: 100µl / vial

Description

Polyclonal antisera were raised in rabbits after immunization with the conjugates : Spermine- Glutaric Anhydride-Carriers.

Specificity

Using a conjugate Spermine- Glutaric Anhydride-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds :

Compound	Cross-reactivity ratio (a)
Spermine-GA-BSA	1
Spermidine-GA-BSA	1/3
Diamino-Pentane-G-BSA	1/700
Ornithine-GA-BSA	1/500

(a) : Spermine-GA-BSA concentration/unconjugated or conjugated polyamine concentration at half displacement ;
G = Glutaraldehyde, GA = Glutaric Anhydride, BSA = Bovine Serum Albumin.

Recommended dilution

The anti-conjugated Spermine antibodies can be diluted between 1/2,000-1/5,000.

Storage and handling

Antisera were aliquoted (100µl) and stored at -20°C or lower. They are stable at least 2 years. Each aliquot can be thawed and refrozen up to 5 times. It can be prediluted 10X in PBS containing 0.1% merthiolate or a mixture PBS/glycerol (vol/vol). These solutions are stable at +4°C for 2 months.

Lyophilized antisera are stable at least 1 year. Reconstitute with 100µl pure water. For storage at +4°C, use pure water with 0.1% merthiolate. This solution is stable at +4°C for 2 months. For storage at -20°C, a mixture of water /glycerol (vol./vol.) is preferred.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

