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**Anti-Conjugated Succinate  
RAT POLYCLONAL**

**Catalog Number:** AB-T101  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rat  
**Isotype:** IgG  
**Immunogen:** Synthetic succinic acid conjugated to bovine serum albumin (BSA)

**Specificity and Preparation:**

Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated succinic acid. **This antibody does not recognize free succinic acid.**

Using a conjugate succinic acid-Protein Carrier (BSA), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Succinic acid-BSA	1
Acetic acid-BSA	1/50,000
Propionic acid-BSA	1/50,000
Pyruvic acid-BSA	1/50,000
Lactic acid-BSA	1/50,000
Alanine-G-BSA	1/50,000

G = Glutaraldehyde

§ Succinic acid-BSA concentration/conjugated compound concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/2,000-1/5,000). Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**Available Control(s):** Succinyl-BSA

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/protocols](http://www.ATSBio.com/protocols)**