

**Anti-Conjugated Histidine**  
RABBIT POLYCLONAL

**Catalog Number:** AB-T038  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic histidine conjugated to bovine serum albumin

**Specificity & Preparation:** Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated histidine. **This antibody does not recognize free histidine.**

Using a conjugate Histidine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

**Usage:** Applications include ELISA (1/2,000-1/5,000) and immunohistochemistry / immunocytochemistry. Fixation of tissue for use with these antibodies should be done with glutaraldehyde. The use of paraformaldehyde in conjunction with glutaraldehyde may improve staining results.

**Storage:** 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 5-10 seconds in a microfuge before use.

COMPOUND	CROSS REACTIVITY §
Histidine-G-BSA	1
Histamine-G-BSA	1/>100,000
Carnosine-G-BS	1/>100,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ Histidine-G-BSA concentration/unconjugated or conjugated amino acids concentration at half displacement.

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