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**Anti-Conjugated Glutathione  
RABBIT POLYCLONAL**

**Catalog Number:** AB-T01  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic glutathione conjugated to bovine serum albumin

**Specificity and Preparation:**

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

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

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

COMPOUND	CROSS REACTIVITY §
Glutathione-G-BSA	1
Glutathione	1/>50,000
Cysteine-G-BSA	1/>50,000
Glutamate-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ Glutathione-G-BSA concentration/unconjugated or conjugated analogs concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/2,000-1/5,000) and immunohistochemistry / immunocytochemistry (1/500 -1/1,000, paraffin). 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. 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):** Glutathione-G-BSA

**References:**

1. Amara A, Coussemacq M, Geffard M. (1994) Antibodies to reduced glutathione. Brain Res 659(1-2):237-242.

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