

**Anti-Conjugated L-Glutamine**
RAT POLYCLONAL

Catalog Number: AB-T13
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic L-glutamine conjugated to bovine serum albumin

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

This antibody targets conjugated L-glutamine. **This antibody does not recognize free L-glutamine.**

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

Usage: Applications include ELISA (1/1,000-1/5,000) and immunoblotting (western blot 1/1,000-1/2,000). 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 §
L-Glutamine-G-BSA	1
L-Asparagine-G-BSA	1/>50,000
L-Lysine-G-BSA	1/>50,000
L-Glutamate-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumine

§ L-Glutamine-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