

**Anti-Conjugated D-Aspartic Acid**
RAT POLYCLONAL

Catalog Number: AB-T047
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic D-Aspartic Acid conjugated to bovine serum albumin

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

This antibody targets conjugated D-Aspartic acid. **This antibody does not recognize free D-Aspartic acid.** Using a conjugate D-Aspartic Acid-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 (1/2,000-1/5,000). 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 §
D.Aspartic acid-G-BSA	1
L.Aspartic acid-G-BSA	1/>50,000
D.Glutamic acid-G-BSA	1/>50,000
L.Glutamic acid-G-BSA	1/>50,000
GABA-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ D.Aspartic acid-G-BSA concentration/conjugated close structure concentration at half displacement.

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