



6352 CORTE DEL ABETO, STE B
CARLSBAD, CA 92011 USA
01.858.642.1988 • WWW.ATSBIO.COM

**Anti-Conjugated NO-DL-Citrulline
RAT POLYCLONAL**

Catalog Number: AB-T179
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Immunogen: Synthetic NO-DL-Citrulline conjugated to protein carrier (Pc)

Specificity and Preparation:

This antibody targets conjugated Nitroso-DL-Citrulline. **This antibody does not recognize free NO-DL-Citrulline.** Antiserum previously preabsorbed on protein carriers and purified.

Using a conjugate Nitroso-DL-Citrulline-Glutaraldehyde-(Pc), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Nitroso-DL-Citrulline-G-(Pc)	1
L-Arginine-G-(Pc)	1/3,000
Nitroso-L-Arginine-G-(Pc)	1/5,000
DL-Citrulline-G-(Pc)	1/25,000
Nitroso-L-Glutamine-G-(Pc)	1/>50,000
Nitroso-L-Lysine-G-(Pc)	1/>50,000

G = Glutaraldehyde, Pc = Protein Carrier

§ Nitroso-DL-Citrulline-G-(Pc) concentration/conjugated close-related compounds concentration at half displacement.

Usage and Storage:

Applications include immunohistochemistry (1/1,000-1/5,000). 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.

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): NO-DL.Citrulline-G-BSA

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