



10451 ROSELLE STREET, #300, SAN DIEGO, CA 92121  
TELEPHONE (858) 642-1988 • FAX (858) 642-1989  
WWW.ATSBIO.COM • ATS@ATSBIO.COM

**Anti-Conjugated NO<sub>2</sub>-Tyrosine  
RABBIT POLYCLONAL**

**Catalog Number:** AB-T108  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Rabbit  
**Immunogen:** Synthetic NO<sub>2</sub>-Tyrosine conjugated to bovine serum albumin

**Specificity and Preparation:**

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

This antibody targets conjugated NO<sub>2</sub>-Tyrosine. **This antibody does not recognize free NO<sub>2</sub>-Tyrosine.**

Using a conjugate NO<sub>2</sub>-Tyrosine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
NO <sub>2</sub> -Tyrosine-G-BSA	1
NO-Tyrosine-G-BSA	1/233
Tyrosine-G-BSA	1/>100,000
NO <sub>2</sub> -5HT-G-BSA	1/>100,000
NO-5HT-G-BSA	1/>100,000
NO-Cystein-G-BSA	1/>100,000
NO-Tryptophan-G-BSA	1/>100,000
NO-Histidine-G-BSA	1/>100,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ NO<sub>2</sub>-Tyrosine-G-BSA concentration/unconjugated or conjugated close-related compounds concentration at half displacement.

**Usage and Storage:**

Applications include ELISA (1/1,000-1/5,000), immunohistochemistry / immunocytochemistry (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. 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<sub>2</sub>-Tyrosine-G-BSA

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