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**Anti-Conjugated Trans-4-Hydroxy-L-Proline**  
RABBIT POLYCLONAL

**Catalog Number:** AB-T044A  
**Quantity:** 50 microliters  
**Format:** Liquid antisera, no preservative  
**Host:** Rabbit  
**Isotype:** IgG  
**Immunogen:** Synthetic Trans-4-Hydroxy-L-Proline conjugated to bovine serum albumin (BSA)

**Specificity and Preparation:**

Antiserum previously preabsorbed on protein carriers.

This antibody targets conjugated Trans-4-Hydroxy-L-Proline. **This antibody does not recognize free Trans-Hydroxyproline.**

Using a Trans-hydroxyproline absorbed on bovine serum albumin, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

COMPOUND	CROSS REACTIVITY §
Trans-Hydroxyproline-BSA	1
Cis-hydroxyproline-BSA	1
Proline-BSA	1/40
Pyrroline-5-carboxylic acid-BSA	1/900

BSA = Bovine Serum Albumin

§ Trans-Hydroxyproline-BSA concentration/unconjugated or conjugated close-related compounds concentration at half displacement.

**Usage and Storage:**

Applications include ELISA, Immunohistochemistry, Western Blot. Optimal dilutions should be determined by each laboratory for each application. Suggested starting dilutions: 1/2000 – 1/10000 for ELISA, 1/1000 – 1/5000 for IHC.

Protocols for potential applications can be found on the website: <http://atsbio.com/support/protocols>. Optimal dilutions should be determined by each laboratory for each application. Store the antibody at 4°C in a dry area for one month or -20°C in undiluted aliquots for up to two years. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**Available Control(s):** Trans-4-Hydroxyproline-BSA

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