



Anti-Conjugated 5-Methoxytryptophan RABBIT POLYCLONAL

Catalog Number: AB-T080
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic 5-Methoxytryptophan conjugated to bovine serum albumin

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

This antibody targets conjugated 5-Methoxytryptophan. **This antibody does not recognize free 5-Methoxytryptophan.**

Using a conjugate 5-Methoxytryptophan-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), immunocytochemistry, immunohistochemistry, 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 §
5-Methoxytryptophan-G-BSA	1
Tryptophan-G-(Pc)	1/5,800
5-Hydroxytryptophan-G-(Pc)	1/>50,000
5-Methoxytryptamine-G-(Pc)	1/>50,000

G = Glutaraldehyde, BSA = bovine serum albumin
§ 5-Methoxytryptophan-G-BSA concentration/other conjugated indolealkylamine concentration at half displacement.

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