

Rabbit Anti-Conjugated 5-methoxytryptamine pAb

Catalog No. PA2014 **Quantity:** 100 µl

Description: Polyclonal antisera were raised in rabbits after immunization with the conjugates: 5-Methoxytryptamine

Purity: Antiserum previously preabsorbed on protein carriers, and purified

Form: Lyophilized

Host: Rabbit

Immunogen: Synthetic 5-Methoxytryptamine conjugated to protein carrier (PC)

Target: Conjugated 5-Methoxytryptamine

Isotype: IgG

Specificity: Using a conjugate 5-Methoxytryptamine-PC, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

Compounds	Cross-reactivity ratio (a)
5-Methoxytryptamine-G-Pc	1
Free 5-Methoxytryptamine	1/20
5-Hydroxytryptamine-G-PC	1/30
Tryptamine-G-PC	1/30
5-Methoxytryptophan-G-Pc	1/40
Tryptophan-G-PC	1/500
5-Hydroxytryptophan-G-Pc	1/1,900

(a): 5-Methoxytryptamine-G-Pc concentration/unconjugated or conjugated indolealkylamine concentration at half displacement; G = Glutaraldehyde

Applications: Immunocytochemistry

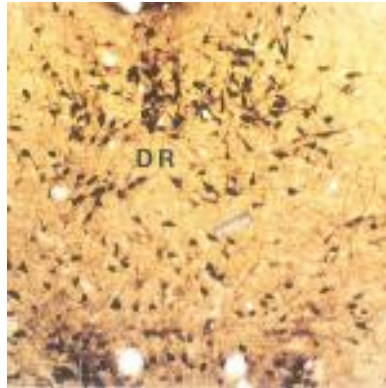
Storage & Stability: Lyophilized antibodies are stable at least 2 years. After reconstitution with 50 µl of distilled water and 50µl of glycerol, the aliquot can be repeated freezed (up to five times).

Research Areas: Neurobiology, Pharmacology, Biochemistry, Vascular, Degenerative, Proliferative diseases



5-Methoxytryptamine immunoreactive cells in the rat dorsal raphe visualized with Polyclonal anti-conjugated
5-Methoxytryptamine antibodies

Scale bar: 40µm.



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