

Rabbit Anti-Conjugated Glycine pAb

Catalog No.	PA2022	Quantity:	100 µl
Description:	Polyclonal antisera were raised in rabbits after immunization with the conjugates : Glycine-Glutaraldehyde-Carriers.		
Purity:	Antiserum previously pre absorbed on protein carriers, and purified.		
Form:	Lyophilized		
Host:	Rabbit		
Immunogen:	Synthetic L-Glutamate conjugated to protein carrier (Pc)		
Target:	Conjugate L-Glutamate		
Isotype:	IgG		
Specificity:	Using a conjugate Glycine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:		

Compound	Cross-reactivity ratio (a)
Glycine-G-TH	1
β-Alanine-G-TH	1/107
GABA-G-TH	1/501
Taurine-G-TH	1/1000
Aspartate-G-TH	1/20,000
Glutamate-G-TH	1/> 20,000
Glycine	1/>100,000

(a) Glycine-G-PL concentration/unconjugated or conjugated amino acid concentration at half displacement; G Glutaraldehyde; TH Thyroglobulin

Applications:	Immunocytochemistry, Immunohistochemistry, Dot-Blot.. Optimal dilutions should be determined by each laboratory for each application.
Storage & Stability:	Lyophilized vial must be stored at 4°C in a dry area. After reconstitution with 50 µl of distilled water and 50 µl of glycerol, the aliquot can be stored at -20°C, and is stable at least 2 years.
Research Areas:	Biochemistry, Neurobiology, Pharmacology, Neurological diseases

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