

Rabbit Anti-Conjugated D-Glutamate pAb

Catalog No.	PA2045	Quantity:	100 µl
Description:	Polyclonal antisera were raised in rabbits after immunization with the conjugates :D-Glutamate-Glutaraldehyde--Carriers.		
Target:	Conjugate D-Glutamic acid		
Purity:	Antiserum previously pre absorbed on protein carriers, and purified.		
Host:	Rabbit		
Immunogen:	Synthetic D-Glutamic acid conjugated to protein carrier (Pc)		
Isotype:	IgG		
Specificity:	Using a conjugate D-Glutamic acid-(Pc), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:		

Compounds	Cross-reactivity ratio (a)
D-Glutamate-G-(Pc)	1
L-Glutamate-G-(Pc)	1/>50,000
D-Glutamine-G-(Pc)	1/>50,000
L-Glutamine-G-(Pc)	1/>50,000
L-Aspartate-G-(Pc)	1/>50,000
D-Aspartate-G-(Pc)	1/>50,000
GABA-G-(Pc)	1/>50,000
Taurine-G-(Pc)	1/>50,000
D-Cysteine-G-(Pc)	1/>50,000
D-Methionine-G-(Pc)	1/>50,000
D-Tryptophan-G-(Pc)	1/>50,000
D-Tyrosine-G-(Pc)	1/>50,000

(a): Glutamate-G-(Pc) concentration / other conjugated amino acid concentration at half displacement; G = Glutaraldehyde, GABA = gamma-aminobutyric acid

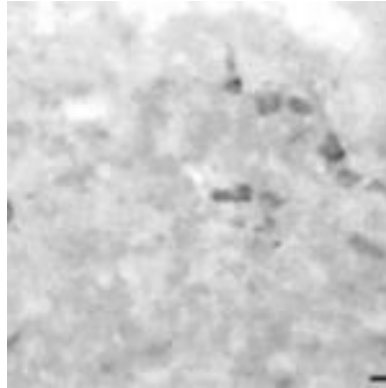
Formulation:	Lyophilized
Purification:	Antiserum previously pre-absorbed on protein carriers, and purified.
Applications:	Immunocytochemistry
Application Notes:	Optimal dilutions should be determined by each laboratory for each application
Storage & Stability:	Lyophilized vial must be stored at 4°C in 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: Neurobiology, Neurodegenerative diseases, Biochemistry, Pharmacology

Notes: Principal name D-Glutamic acid

Immunoreactive cell bodies containing D-Glutamate in the ventrolateral region of the periaqueductal gray of the brain rat. Scale Bar: 50µm



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