

Rabbit Anti-conjugated L-Phenylalanine pAb

Catalog No.	PA2030	Quantity:	100 µl
Description:	Rabbit Anti-conjugated L-Phenylalanine pAb consists of 10.0 mg total IgG and 0.1 mg antigen specific IgG.		
Concentration:	1.0 mg/ml of antigen specific IgG after reconstitution		
Specificity:	Using a conjugate L-Phenylalanine-Glutaraldehyde-(Pc), antibody specificity was performed with an ELISA test by competition experiments with the following compounds: L-Phenylalanine-G-BSA: Cross-reactivity ratio of 1 L-Tyrosine-G-BSA: Cross-reactivity ratio of 1/> 50,000 L-DOPA-G-BSA: Cross-reactivity ratio of 1/> 50,000 L-Phenylalanine-G-BSA concentration/conjugated amino acids concentration at half displacement. G = Glutaraldehyde, BSA: Bovine Serum Albumin.		
Immunogen:	Synthetic Phenylalanine conjugated to protein carrier (Pc)		
Isotype:	IgG		
Formulation:	Lyophilized		
Purification:	IgGs were purified from antiserum that had been pre-absorbed against BSA.		
Reconstitution:	Centrifuge vial prior to opening. It is critical to use the following sequence when reconstituting this antibody: dissolve antibody in 50 µl sterile distilled water, then add 50 µl glycerol.		
Applications:	Immunohistochemistry, ELISA		
Application Notes:	Immunohistochemistry: working dilution of 1:1,000 - 1:5,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store lyophilized antibody at 2-4°C. Reconstituted antibody is stable for at least 2 years in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		
Research Areas:	Neurobiology		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

