

## Rabbit Anti-Conjugated L-Valine pAb

<b>Catalog No.</b>	PA2042	<b>Quantity:</b>	100 µl
<b>Description:</b>	Polyclonal antisera were raised in rabbits after immunization with the conjugates : LValine-Glutaraldehyde-Carriers.		
<b>Target:</b>	Conjugated L-Valine		
<b>Purity:</b>	Antiserum previously pre absorbed on protein carriers, and purified.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Synthetic L-Valine conjugated to protein carrier (Pc)		
<b>Isotype:</b>	IgG		
<b>Specificity:</b>	Using a conjugate L-Valine-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:		

Compounds	Cross-reactivity ratio (a)
L-Valine-G-BSA	1
L-Isoleucine-G-BSA	1/ 250
L-Leucine-G-BSA	1/> 5,000
D-Valine-G-BSA	1/> 50,000
L-Alanine -G-BSA	1/> 50,000

(a : L-Valine-G-BSA concentration/ other conjugated amino-acids concentration at half displacement ; G = Glutaraldehyde, BSA : Bovine Serum Albumin.

<b>Formulation:</b>	Lyophilized
<b>Purification:</b>	Antiserum previously pre-absorbed on protein carriers, and purified.
<b>Application Notes:</b>	Optimal dilutions should be determined by each laboratory for each application
<b>Storage &amp; Stability:</b>	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.
<b>Research Areas:</b>	Neurobiology, Biochemistry

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