



# Anti-Phenyl-acetic Acid polyclonal antibody (DPAB1784)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Using a conjugate Phenyl-acetic Acid-protein carrier, antibody specificity was performed with an ELISA test by competition experiments with the following compounds : Compounds Cross-reactivity ratio (a) Phenyl-acetic acid-BSA 1 Indole-acetic acid-BS
<b>Immunogen</b>	Synthetic Phenyl-acetic acid conjugated to protein carriers.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	2 years at -20 °C

## BACKGROUND

<b>Introduction</b>	Synthetic phenyl Acetic acid is a white crystalline compound with a honey like odour in low concentrations, used in some perfumes and in penicillin G production. In its pure form it is harmful by ingestion, inhalation or through skin contact and is a severe eye, skin and respiratory irritant. It may act as a teratogen. Naturally occurring phenylacetic acid is derived via enzymatic activity from phenylethylamine and is an abnormal product of phenylalanine catabolism, appearing in the urine in phenylketonuria.
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**Keywords**

2 phenylacetic acid; Alpha toluic acid; Alpha tolylic acid; Benzene acetic acid; benzeneacetic acid; Benzyl carboxylic acid; Phenyl ethanoic acid; PPA

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