



# Anti-Diamino-pentane polyclonal antibody (DPAB1702)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Using a conjugate Diamino-pentane-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds : Compounds Cross-reactivity ratio (a) Diamino-pentane-G-BSA 1 Diamino-but
<b>Immunogen</b>	Synthetic Diamino-pentane conjugated to bovine serum albumin (BSA)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Optimal dilutions should be determined by each laboratory for each application.
<b>Size</b>	100 µl
<b>Preservative</b>	None
<b>Storage</b>	1 year at -20 °C from date of shipment. Handling Recommendations: Upon receipt, and prior to removing the cap, centrifuge the vial and gently mix the solution. Aliquot into microcentrifuge tubes and store at -20 °C. Avoid repeated freeze/thaw cycles, Which

## BACKGROUND

<b>Introduction</b>	Cadaverine is a foul-smelling compound produced by protein hydrolysis during putrefaction of animal tissue. Cadaverine is a toxic diamine with the formula $\text{NH}_2(\text{CH}_2)_5\text{NH}_2$ , which is similar to putrescine. Cadaverine is also known by the names 1,5-pentanediamine and
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pentamethylenediamine.

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**Keywords**

diamino pentane; dytek ep diamine; DYTEK(R) EP DIAMINE; 1,3-PENTANEDIAMINE; 1,3-DIAMINOPENTANE; 1,3-Diaminopentane, 1,3-Pentanediamine; (3-amino-1-ethyl-propyl)amine

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