



# Anti-Caproic Acid polyclonal antibody (DPAB1692)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Using a conjugate Caproic Acid-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds : Compound Cross-reactivity ratio (a) Caproic acid-BSA 1 Caprylic acid-BSA 1/8 Capric acid-BS
<b>Immunogen</b>	Synthetic Caproic Acid conjugated to bovine serum albumin (BSA)
<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>	1 year at -20 °C from date of shipment

## BACKGROUND

<b>Introduction</b>	Hexanoic acid (caproic acid), is the carboxylic acid derived from hexane with the general formula $C_5H_{11}COOH$ . It is a colorless oily liquid with an odor that is fatty, cheesy, waxy and goats or other barnyard animals. It is a fatty acid found naturally in various animal fats and oils, and is one of the chemicals that gives the decomposing fleshy seed coat of the ginkgo its characteristic unpleasant odor. The primary use of hexanoic acid is in the manufacture of its esters for artificial flavors, and in the manufacture of hexyl derivatives such as hexylphenols.
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**Keywords**

caproic acid; capronic acid; heaxanoic acid

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