



Anti-NO-L-Methionine polyclonal antibody (DPAB4021)

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

PRODUCT INFORMATION

Product Overview	Rat Anti-NO-L-Methionine Polyclonal Antibody
Specificity	<p>Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated NO-L-Methionine. This antibody does not recognize free NO-LMethionine.</p> <p>Using a conjugate NO-L-Methionine-Glutaraldehyde-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:</p>
Immunogen	Synthetic NO-L-Methionine conjugated to bovine serum albumin
Source/Host	Rat
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	ELISA, IHC, ICC, WB
Format	Lyophilized and reconstituted with deionized water / 50% glycerol
Size	50 µl
Preservative	None
Storage	Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

BACKGROUND

Introduction

Methionine is an essential amino acid, it cannot be synthesized in humans. However, in plants and microorganisms, methionine is synthesized from aspartic acid and cysteine. Methionine plays a role in cysteine, carnitine and taurine synthesis by the transsulfuration pathway, lecithin production, the synthesis of phosphatidylcholine and other phospholipids. Improper conversion of methionine can lead to atherosclerosis. Methionine is a chelating agent.

Keywords

amino-4-(methylthio)butyricacid; (s)-2-amino-4-(methylthio)butanoicacid; 1-methionine; 2-amino-4-(methylthio)butanoicacid; 2-amino-4-(methylthio)-butyricaci; 2-Amino-4-methylthiobutanoic acid; 2-amino-4-methylthiobutanoicacid; Acimethin; Cymethion; gamma-Methylthio-alpha-aminobutyric acid; l(-)-amino-gamma-methylthiobutyricacid; L(-)-Methionin; L-2-Amino-3-methylthiobuttersäure; lactet; l-alpha-amino-gamma-methylmercaptobutyricacid; Liquimeth; L- α -amino- γ -methylthiobutyricacid; neo-methidin