



Anti-Dimethylbenzanthracene polyclonal antibody (DPAB4000)

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

PRODUCT INFORMATION

Product Overview	Rat Anti-Dimethylbenzanthracene Polyclonal Antibody
Specificity	Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. This antibody targets conjugated Dimethylbenzanthracene (DMBA). This antibody does not recognize free DMBA. Using a conjugate DMBA-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:
Immunogen	Synthetic Dimethylbenzanthracene (DMBA) conjugated to bovine serum albumin
Isotype	IgG
Source/Host	Rat
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	ELISA
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

Dimethylbenzanthracene is a polycyclic aromatic hydrocarbon and potent carcinogen found in tobacco smoke.

Keywords

6,7-Dimethyl-1,2-benzanthracene; 7,12-Dimethyl-1,2-Benzanthracene; 7,12-dimethyl-benz(a)anthracen; 7,12-dimethyl-benz[a]anthracen; 7,12-Dimethylbenzanthracene; 7,12-dimethylbenzanthracene; 7,12-DMBA; 9,10-Dimethyl-1,2-benzanthracene; 9,10-Dimethylbenz[a]anthracene; 9,10-dimethyl-benzanthracene; benz[a]anthracene, 7,12-dimethyl-; dimethylbenz(a)anthracene; NCI-C03918; rcrastenumber094; 7,12-Dimethylbenz (a) anthracene; 7,12-DIMETHYLBENZ(A)ANTHRACENE, 100MG, N EAT; 7,12-DIMETHYLBENZANTHRENE; 7,12-Dimethylbenz[a]anthrene; DMBA (Pharmaceutical); DMBA; NSC 408823