



# Anti-Tetracycline polyclonal antibody (DPABY-990)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Tetracycline antibody was raised in sheep using Tetracycline Amide-BTG as the immunogen
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Dot Blot, ELISA Pr*, IHC, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Ig fraction supplied in liquid form in 20 mM phosphate buffer, 150 mM sodium chloride and 0.09% sodium azide, pH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 2-8 °C for short term storage or -20 °C for up to 2 years

## BACKGROUND

<b>Introduction</b>	Tetracycline binds to the 30S subunit of microbial ribosomes. It inhibits protein synthesis by blocking the attachment of charged aminoacyl-tRNA to the A site on the ribosome. Thus, it prevents introduction of new amino acids to the nascent peptide chain.
<b>Keywords</b>	Tetracycline; Sumycin; Tetracyn; Panmycin;