



Anti-Neomycin Phosphotransferase 2 polyclonal antibody (DPATB-H83620)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Neomycin Phosphotransferase3Polyclonal Antibody
Target	Neomycin Phosphotransferase 2
Immunogen	Purified Neomycin phosphotransferase II.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	100 µl
Buffer	40% Glycerol, PBS, pH 7.4
Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term. Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction Neomycin phosphotransferase II confers resistance to kanamycin and neomycin in bacteria and G418 (Geneticin?, G418 Sulfate) in mammalian cells. These antibiotics bind to ribosomal components and inhibit protein synthesis. NPT II inhibits these antibiotics

Keywords Aminoglycoside 3 phosphotransferase; APH II; APHII; aphA; EC 2.7.1.95; Kan; Kanamycin kinase type II; Kanamycin kinase, type VIII; kanamycin resistance gene; Neo; Neomycin kanamycin phosphotransferase type II; Neomycin kanamycin phosphotransferase type VI
