

AP09660PU-L**Polyclonal Antibody to Amikacin - Ig Fraction**

Alternate names:	Amicacin, Amikacina, Amikacine, Amikacinum, Amikavet, Arikace, Kaminax, Lukadin, Mikavir
Quantity:	1 ml
Concentration:	7.64 mg/ml (U.V. abs at 280nm)
Background:	<p>Amikacin is an aminoglycoside antibiotic most often used for treating severe, nosocomial (hospital acquired) infections with multidrug resistant Gram negative bacteria.</p> <p>Amikacin works by binding to the bacterial 30S ribosomal subunit, causing misreading of mRNA and leaving the bacterium unable to synthesize proteins vital to its growth.</p>
Host / Isotype:	Sheep / IgG
Immunogen:	Amikacin -BTG
Format:	<p>State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures</p> <p>Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2</p> <p>Preservatives: 0.09% Sodium Azide</p>
Applications:	<p>ELISA: 2.5 µg/ml.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	This antibody recognizes Amikacin.
Storage:	<p>Upon receipt, store undiluted (in aliquots) at -20°C.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: One year from despatch.</p>