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AP09660PU-N Polyclonal Antibody to Amikacin - Ig Fraction

Alternate names:	Amicacin, Amikacina, Amikacine, Amikacinum, Amikavet, Arikace, Kaminax, Lukadin, Mikavir
Quantity:	0.1 ml
Concentration:	7.64 mg/ml (U.V. abs at 280nm)
Background:	Amikacin is an aminoglycoside antibiotic most often used for treating severe, nosocomial (hospital acquired) infections with multidrug resistant Gram negative bacteria. 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.
Host / Isotype:	Sheep / IgG
Immunogen:	Amikacin -BTG
Format:	State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 Preservatives: 0.09% Sodium Azide
Applications:	ELISA: 2.5 μg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Amikacin.
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.