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

| Alternate names: | Amicacin, Amikacina, Amikacine, Amikacinum, Amikavet, Arikace, Kaminax, Lukadin,<br>Mikavir   |
|------------------|---|
| Quantity:        | 1 ml  |
| Concentration:   | 7.64 mg/ml (U.V. abs at 280nm)  |
| Background:      | Amikacin is an aminoglycoside antibiotic most often used for treating severe,<br>nosocomial (hospital acquired) infections with multidrug resistant Gram negative<br>bacteria.<br>Amikacin works by binding to the bacterial 30S ribosomal subunit, causing<br>misreading of mRNA and leaving the bacterium unable to synthesize proteins vital to<br>its growth. |
| Host / Isotype:  | Sheep / IgG   |
| Immunogen:       | Amikacin -BTG   |
| Format:          | <b>State:</b> Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures<br><b>Buffer System:</b> 20mM Phosphate, 150mM Sodium Chloride, pH 7.2<br><b>Preservatives:</b> 0.09% Sodium Azide  |
| Applications:    | <b>ELISA:</b> 2.5 μg/ml.<br>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.<br>Avoid repeated freezing and thawing.<br>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.