

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

## AP09699PU-N Polyclonal Antibody to Dexamethasone - Ig Fraction

Quantity:	0.1 ml
Concentration:	11.28 mg/ml (U.V. abs @ 280nm)
Background:	Dexamethasone is potent glucocorticoid anti-inflammatory agent which regulates T- cell survival, growth and differentiation. It is known by various trivial and systematic names including 9-alpha fluoro 16-alpha methylprednisolone. Dexamethasone is also used as an inducer of gene expression using a dexamethasone-inducible promoter system. In horse racing Dexamethasone is one of many steroids drugs which are prohibited but is commonly used in racing stables as a treatment for respiratory complaints.
Host / Isotype:	Sheep / IgG
Immunogen:	Dexamethasone(21)-BTG
Format:	<b>State:</b> Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures <b>Buffer System:</b> 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative
Applications:	<b>EIA:</b> 0.5 μg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Dexamethasone. <b>Cross-Reactivity:</b> Dexamethasone: 100% Flumethasone: 50% Betamethasone: 43% Prednisolone: 1.7% Triamcinolone: 1.0% Cortisol: < 0.5% Cortisone: < 0.5%
Storage:	Store the antibody 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.