

Product datasheet for **AP33044PU-N**

Clofibrate Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	AP, ELISA
Recommended Dilution:	ELISA: Dilution of 1/15,000 from the delivered solution (The titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). <i>Suggested concentration:</i> 1/15,000 from the delivered solution. Plates are coated with 400 ng/ml BSA-conjugated C6-alkylphenol. HRP-conjugated anti-rabbit IgG as a tracer 1/8,000. Immunoaffinity Chromatography.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BSA-clofibric acid conjugate



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Specificity:	<p>Target: Clofibrate, <i>CAS no.:</i> 637-07-0, Solubility: Organic solvents This antibody is highly specific for Clofibrate.</p> <p>Cross Reactivity</p> <p>Clofibrate: 100%. 2,4-DB: 18%. Fenitrothion: 13%. Bezafibrate: 11%. Fenofibrate: 6%. Clofibrinic acid: 4%. Chlorpyriphos: 3%. MCPA-Na: 3%. Mecoprop: 2%. 2,4,5-T: 1%. 2,4-D: 1%. 2,4-DP: 1%. Ciprofibrate: 1%. Gemfibrozil: 1%. MCPA: 1%. Pirimifos-ethyl: 1%. Diclofenac: > 0.1%. Erythromycine: > 0.1%. Propranolol: > 0.1%.</p>
Formulation:	<p>State: Purified State: Liquid purified IgG fraction</p>
Concentration:	lot specific
Purification:	Caprylic Acid Extraction
Conjugation:	Unconjugated
Storage:	<p>Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.
Background:	<p>Clofibrate is a drug used for the treatment of cardiovascular diseases as a lipid-lowering agent. It is found in the water environment in relatively high concentrations, especially in the neighbourhood of large cities and hospitals. It is rapidly degraded to clofibrinic acid.</p>