

## Product datasheet for **AP33037PU-N**

### Pirimiphos Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	AP, ELISA
Recommended Dilution:	<b>ELISA:</b> Dilution of 1/100,000 from the delivered solution (The titer is defined as the dilution that gives 50% of the maximum absorbance when tested with ELISA). <i>Suggested concentration:</i> 1/100,000 from the delivered solution. Plates are coated with 400 ng/ml OVA-conjugated pirimiphos. HRP-conjugated anti-Chicken Rabbit IgG as a tracer 1/8,000. <b>Immunoaffinity Chromatography:</b> Antibody can be coupled to solid support materials.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BSA-Pirimiphos-methyl Conjugate.
Specificity:	This antibody is specific for Pirimiphos. <b>Target:</b> Pirimiphos-methyl, CAS no.: 29232-93-7, Solubility: Water, Acetone, Ethanol, Propanol, Toluene. <b>Pesticides: % Cross Reactivity</b> Pirimiphos: 100% 2-4 D: < 0.1% Chlorpiriphos: < 0.1%. Deltamethrin: < 0.1%. Fenitrothion: < 0.1%. Permethrin: < 0.1%. Etrimphos: < 0.1%. Atrazine: < 0.1%. Methacrimphos: < 0.1%. Aldicarb: < 0.1%. Malathion: < 0.1%. Tebuconazole: < 0.1%.



[View online »](#)

<b>Formulation:</b>	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.02% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Caprylic Acid Extraction
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	Pirimiphos is an insecticide belonging to the group of organophosphothioates. It is applied in the field on fruits, vegetables, in the storage of grain products and as an additive in paints. It has adverse effects on algae and mammals due to its biological activity as acetylcholine esterase inhibitor. Pirimiphos-methyl is an organophosphate used as a pesticide. It is a highly acutely toxic cholinesterase inhibitor.