

Product datasheet for **AP33035PU-N**

Pirimiphos Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	AP, ELISA
Recommended Dilution:	ELISA: Dilution of 1/3000 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> 1/3,000 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. Immunoaffinity Chromatography: Antibody can be coupled to solid support materials.
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	BSA-Pirimiphos-methyl Conjugate. Chicken egg yolk, purified by PEG extraction.
Specificity:	This antibody is specific for Pirimiphos. Target: Pirimiphos-methyl, CAS no.: 29232-93-7, Solubility: Water, Acetone, Ethanol, Propanol, Toluene. Pesticides %Cross Reactivity 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%.



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Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgY fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	PEG Extraction
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	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.