

BP723**Polyclonal Antibody to Parathion - Serum**

Alternate names:	E 605
Quantity:	1 ml
Background:	<p>The insecticide Parathion (<i>Chemical name:</i> O,O-Diethyl-O-4-Nitro-Phenylthiophosphate) is a carcinogen which is very harmful to fish, birds, bees and other forms of wildlife.</p> <p>Parathion is a cholinesterase inhibitor and disrupts neural function following absorption via the skin, mucous membranes or mouth.</p>
Host:	Rabbit
Immunogen:	Synthetic Parathion conjugated to KLH
Format:	State: Liquid Serum Preservatives: 0.09% Sodium Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the insecticide Parathion.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Product Citations:	Purchased from Acris: 1. Martini E, Tomassetti M, Campanella L. Determination of traces of several pesticides in sunflower oil using organic phase immuno electrodes (OPIEs). <i>Talanta</i> . 2015 Jan;132:503-12. doi: 10.1016/j.talanta.2014.09.004. Epub 2014 Oct 22. PubMed PMID: 25476337.
General Readings:	1. Wang, J. et al. (2013) Label-free immunosensor based on micromachined bulk acoustic resonator for the detection of trace pesticide residues <i>Sensors and Actuators B: Chemical</i> Sep 8 [Epub ahead of print].