

Product Datasheet

Chlorpyrifos Antibody - BSA Free

NBP2-88858

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Chlorpyrifos Antibody - BSA Free

Product Information

Unit Size	1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Caprylic acid precipitation
Buffer	PBS

Product Description

Description	Store at 4C or -20 C. The working antibody solution is stable for at least 7 days at 4C. Precautions should be taken for storage for longer periods. Problems of long term stability may occur with highly diluted solutions. For long storage purposes in solution the addition of sodium azide to 0.02 % is advised with the appropriate precautions of use.
Host	Rabbit
Species	Non-species specific



Specificity/Sensitivity	<p>Target: Chlorpyrifos, CAS no.: 2921-88-2, Solubility: Methanol, Iso-octanol, Benzene.</p> <p>The specificity of the antibody was determined by measuring the cross-reactivity in ELISA for a range of compounds.</p> <p>Cross Reactivity</p> <p>Pesticides: % Cross Reactivity</p> <p>Chlorpyrifos: 100%</p> <p>(2,4-dichlorophenoxy)acetic acid: <0.1%</p> <p>Pirimiphos: <0.1%</p> <p>Deltamethrin: <0.1%</p> <p>Fenitrothion: <0.1%</p> <p>Permethrin: <0.1%</p> <p>Etrimphos: <0.1%</p> <p>Atrazine: <0.1%</p> <p>Methacrimphos: <0.1%</p> <p>Aldicarb: <0.1%</p> <p>Malathion: <0.1%</p> <p>Tebuconazole: <0.1%</p>
Immunogen	BSA-Chlorpyrifos conjugate

Product Application Details

Applications	ELISA, Immunoaffinity Purification
Recommended Dilutions	ELISA 1:500, Immunoaffinity Purification
Application Notes	<p>The antibody may be used in ELISA and Immuno-affinity-chromatography (IAC). Suggested dilution 1:500 in ELISA (this titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA).). Plates are coated with 400 ng/ml ovalbumin conjugated-chlorpyrifos. HRP-conjugated anti-rabbit IgG should be used as a tracer in a 1:8,000 dilution.</p> <p>Immuno-affinity-chromatography.</p>





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Products Related to NBP2-88858

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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