

# Product Datasheet

## Atrazine Antibody NBP2-88854

Unit Size: 0.5 ml

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

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Updated 11/2/2024 v.20.1

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**NBP2-88854****Atrazine Antibody****Product Information**

<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Caprylic acid precipitation
<b>Buffer</b>	Whole antiserum

**Product Description**

<b>Description</b>	Store at 4C or aliquot and store at -20 C for longer periods. Precautions should be taken upon storage for longer periods. Problems of long term stability may occur with highly diluted solutions. For long-term storage purposes in solution the addition of sodium azide at 0.02 % is advised with the appropriate precautions of use.
<b>Host</b>	Sheep
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	<p>Immunogen: BSA-atrazine conjugate, Target: Atrazine, CAS no.: 1912-24-9. The specificity of the antibody was determined by measuring the cross-reactivity with a range of compounds in ELISA.</p> <p>Cross Reactivity:</p> <p>Atrazin: 100%</p> <p>Propazine: 15%</p> <p>Simazine: 4%</p> <p>Ametryn: 2500%</p> <p>Prometryn: 1700%</p> <p>Simetryn: 280%</p> <p>Terbutylazine: 2%</p> <p>Atrazine-desethyl: 7%</p> <p>Atrazine desisopropyl 1%</p> <p>Atrazine-2-hydroxy: 1%</p> <p>Cinosulfuron: &lt;0.1%</p> <p>Prosulfuron &lt;0.1%</p> <p>Triasulfuron: &lt;0.1%</p>



Chlorpyrifos: <0.1% Clofibrinezuur <0.1%

Deltametrin <0.1%

Diclofenac: 1%

Etrimfos: 1%

Erythromycine <0.1%

Fenitrothion: <0.1%

Fenofibraat <0.1%

Atrazine: 21%

Ibuprofen: <0.1%

Malathion: <0.1%

Maleaminezuur: <0.1%

Metoprolol: <0.1%

Metacrifos: <0.1%

4-n-Nonylphenol: 2%

Permetrin: <0.1%

Pirimifos-ethyl: <0.1%

Sulfadimidine: <0.1%

Vinclozolin: <0.1%

<b>Immunogen</b>	Serum of sheep immunised with BSA-atrazine conjugate, and purified using caprylic acid
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## Product Application Details

<b>Applications</b>	ELISA, Immunoaffinity Purification
<b>Recommended Dilutions</b>	ELISA 1:500, Immunoaffinity Purification
<b>Application Notes</b>	Depending on conjugate: dilution 1:500 . (The titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). Suggested concentration to use in ELISA: 1:500 from the delivered solution. Plates are coated with 400 ng/ml OVA-conjugated Atrazine. HRP-conjugated anti-sheep IgG as a tracer 1:8,000  Immuno-affinity-chromatography





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### **Products Related to NBP2-88854**

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HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
KA1414	Atrazine ELISA Kit (Colorimetric)

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### **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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