

[Go to Product page](#)

Datasheet for ABIN729103

anti-2,4-Dichlorophenoxyacetic acid antibody

Overview

Quantity:	100 µL
Target:	2,4-Dichlorophenoxyacetic acid (2,4-D)
Reactivity:	Chemical
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 2,4-Dichlorophenoxyacetic acid antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated to 2,4-D
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	2,4-Dichlorophenoxyacetic acid (2,4-D)
Alternative Name:	2,4-D (2,4-D Products)
Target Type:	Chemical
Background:	2,4-Dichlorophenoxyacetic acid (2,4-D) is a common systemic herbicide used in the control of broadleaf weeds. It is the most widely used herbicide in the world, and the third most commonly used in North America. [1] 2,4-D is also an important synthetic auxin, often used in

Target Details

laboratories for plant research and as a supplement in plant cell culture media such as MS medium. 2,4-D is a synthetic auxin, which is a class of plant growth regulators. It is absorbed through the leaves and is translocated to the meristems of the plant. Uncontrolled, unsustainable growth ensues causing stem curl-over, leaf withering, and eventual plant death. 2,4-D is typically applied as an amine salt, but more potent ester versions exist as well. Synonyms: 2,4-Dichlorophenoxyacetic acid.

Application Details

Application Notes:	IHC-P 1:100-500 IF(IHC-P) 1:50-200
--------------------	---------------------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	1 µg/µL
----------------	---------

Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
---------	--

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
--------------------	---

Storage:	-20 °C
----------	--------

Storage Comment:	Store at -20°C
------------------	----------------

Expiry Date:	12 months
--------------	-----------