Datasheet for ABIN729634

anti-Indole 3 Acetic Acid antibody (Cy7)

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Overview

Quantity:	100 µL
Target:	Indole 3 Acetic Acid (IAA)
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Indole 3 Acetic Acid antibody is conjugated to Cy7
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated with IAA
Isotype:	IgG
Cross-Reactivity (Details):	Indole-3-Acetic Acid
Purification:	Purified by Protein A.

Target Details

Target:	Indole 3 Acetic Acid (IAA)
Alternative Name:	IAA (IAA Products)
Target Type:	Chemical
Background:	Synonyms: Indole-3-Acetic Acid, indole-3-acetic acid_indol- yl-3-acetic acid.

Target Details

	Background: Indole-3-acetic acid, also known as IAA, is a heterocyclic compound that is an phytohormones called auxins. This colourless solid is probably the most important plant auxin. The molecule is derived from indole, containing a carboxymethyl group (acetic acid). IAA has many different effects, as all auxins do, such as inducing cell elongation and cell division with all subsequent results for plant growth and development. There are less expensive and metabolically stable synthetic auxin analogs on the market for use in horticulture, such as indole-3-butyric acid (IBA) and 1-naphthaleneacetic acid (NAA).

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months