Datasheet for ABIN4966448

anti-Indole-3-Butyric Acid antibody

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Overview

Quantity:	1 mL
Target:	Indole-3-Butyric Acid
Reactivity:	Plant
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Immunoaffinity Chromatography (IAC)

Product Details

Immunogen:	BSA-conjugated, Indole-3-butyric acid
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity known in the moment
Predicted Reactivity:	Indole-3-butyric acid (IBA)

Target Details

Target:	Indole-3-Butyric Acid
Alternative Name:	Indole-3-butyric acid (IBA)
Target Type:	Chemical
Background:	Indole-3-butyric acid (IBA) is a plant hormone that belongs to the group of auxins. It is used to stimulate root formation in plant cuttings.

Application Details

Application Notes:	1:12 800 in indirect ELISA
Comment:	Titer in ELISA is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). Plates were coated with 400 ng/ml ovalbumine-conjugated indole-3-butyric acid. HRP-conjugated anti-chicken IgY was used as a tracer.As antibodies to BSA carrier were not removed from this preparation please use BSA in your assay and use OVA-conjugated IBA for coating in ELISA.
Restrictions:	For Research Use only

Handling

Storage Comment:	Store at 4 °C or -20 °C. The working antibody solution is stable for at least 7 days at 4 °C. Precautions should be taken for storage for longer periods. Problems of longterm stability may occur with highly diluted solutions.No other preservative agent has been added to the present formulation. For long storage purposes in solution the addition of sodium azide to 0.02 % is advised with the appropriate precautions of use.