

Octopamine antibody - Rabbit polyclonal Ab

Ref: IS1033

The IS1033 anti-Octopamine rabbit polyclonal antibody displays high affinity and specificity. When samples are prepared using the [STAINperfect immunostaining kit A](#), our antibody ensures clear-cut Octopamine stainings in whole mounts, cell culture and tissue sections.

Clonality	Polyclonal antibody
Host	Rabbit
Species reactivity	Reacts with all species
Tested samples	whole mounts, cell culture, tissue sections & ELISA
Staining procedure	STAINperfect immunostaining kit A
Format	50µl (approx. 40 tissue sections)

Product information

Product overview

Product name	Octopamine antibody - Rabbit pAb
Synonyms	Anti-2-Amino-1-(4-hydroxyphenyl)ethanol polyclonal antibody
Immunogen	Conjugated Octopamine
Specificity	When tested in competitive ELISA, the anti-conjugated Octopamine antibody did not show any significant cross-reactivity with competitors Tyramine, Dopamine or Noradrenaline conjugates.
Lot number	140801

Storage

Form	Liquid
Purity	Purified anti-serum
Storage buffer	Store at +4°C for short term (1-2 weeks). Aliquot and store at -20°C for long term. Avoid repeated freeze / thaw cycles.
Material safety datasheet	Download MSDS

Protocols

IF - Cell cultures, Whole mounts, Tissue sections

Dilute antibody with the antibody diluent provided in the [STAINperfect immunostaining kit A](#). Use at 1/250 -1/1000 dilution. Follow the STAINperfect protocol suited to your sample

Comments

Optimal working dilutions must be determined by the end-user

Restrictions

For research use only

Full protocol

[Download STAINperfect protocol for Octopamine staining](#)

Protocols-at-a-glance

[Complete Instructions for Use](#)

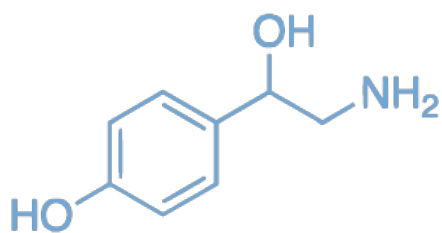
[Protocol-at-a-glance for cell cultures](#)

[Protocol-at-a-glance for whole mounts](#)

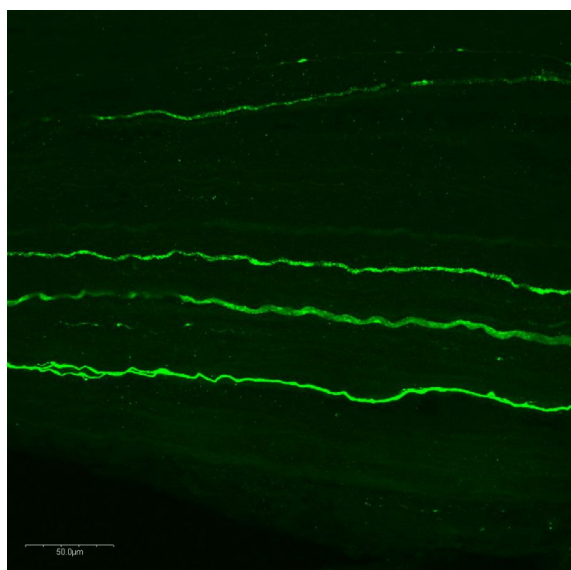
References

Product pictures

Octopamine

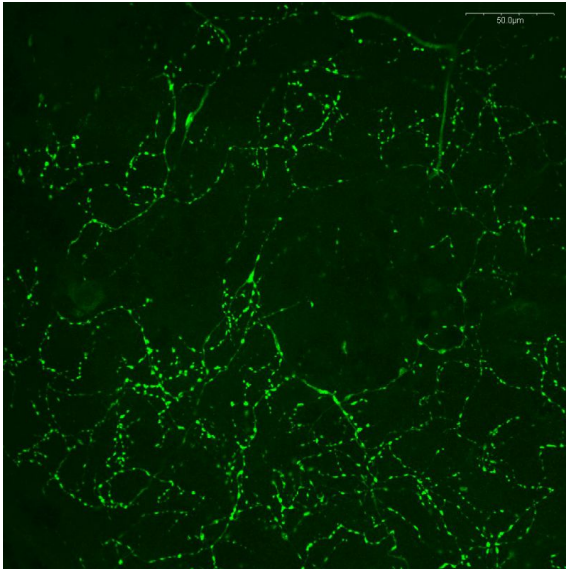


Octopamine



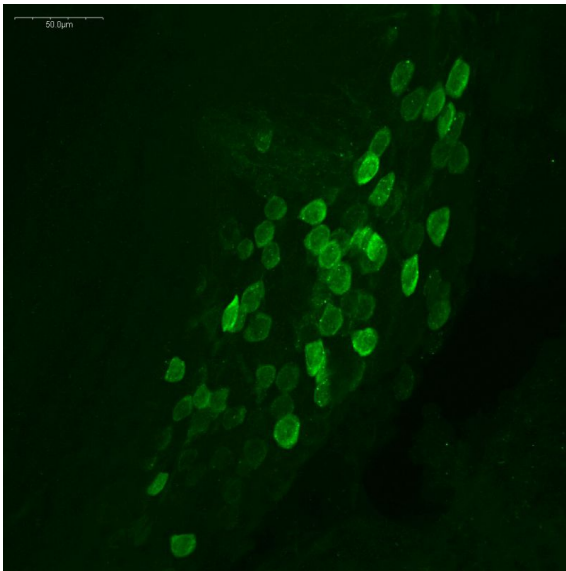
Fibers of octopaminergic neurons in crayfish

Octopaminergic fibers of crayfish brain detected using ImmuSmol rabbit polyclonal anti-Octopamine antibody following whole mount samples protocol of STAINperfect immunostaining kit A. Secondary antibody was used and image captured by confocal microscopy.



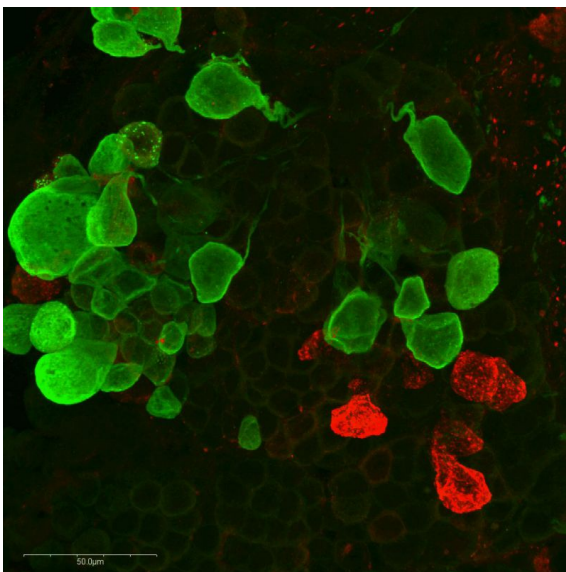
Immunofluorescence imaging of Octopamine in crayfish brain

Anti-Octopamine antibody highlights the arborization of octopamine neurones in the brain of a crayfish. Staining was performed using STAINperfect immunostaining kit A, following the protocol for whole mount. Fluorescent labeled secondary antibody was used and picture obtained by confocal imaging. This picture highlights the presence of Octopamine within fibers.



Imaging of Octopamine in brain of a crayfish

Detection of octopaminergic neurons in the crayfish brain using STAINperfect immunostaining kit A and according to the protocol for whole mount samples. Secondary antibody was used and image obtained by confocal imaging at high magnification. This staining reveals the presence of Octopamine within particular cell bodies.



Immunolabeling of Octopaminergic and Serotonergic neurons

Immunostaining of crayfish eyetalk using anti-octopamine rabbit polyclonal antibody (green) and anti-serotonin goat polyclonal antibody (red). Tissues were processed with whole mount protocol of STAINperfect immunostaining kit A. Fluorescent labeled secondary antibodies were used and pictures were acquired by confocal imaging with high magnification.

Contact information

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To order, review, ask for technical support, visit product page at:

<https://www.immusmol.com/octopamine-antibody-rabbit-polyclonal-ab-validated-if-ihc.html>