

Histamine rabbit pAb – IS1039

Ref: IS1039-sp

Histamine is a widely present natural amino acid known to be involved in different systems including in the control of central nervous and immune functions. The anti-histamine antibody IS1039 is a rabbit polyclonal antibody developed to detect Histamine in various types of samples including whole mounts, cell culture and tissue sections. Importantly, samples must be prepared according to the [STAINperfect immunostaining kit A](#) and following the recommended procedure.

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

INFORMATIONS

Product overview

Product name	Histamine antibody – Rabbit pAb
Synonyms	Anti-Histamine antibody Anti-2-(4-Imidazolyl)ethylamine antibody
Immunogen	Conjugated Histamine
Specificity	When tested in competitive ELISA, the anti-conjugated Histamine antibody did not show any significant cross reactivity with Histidine conjugate
Volume	50µL

Storage

Form	Liquid
Purity	Purified anti-serum

Storage

Store at +4°C for short term (1-2 months). 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 histamine staining](#)

Protocols-at-a-glance

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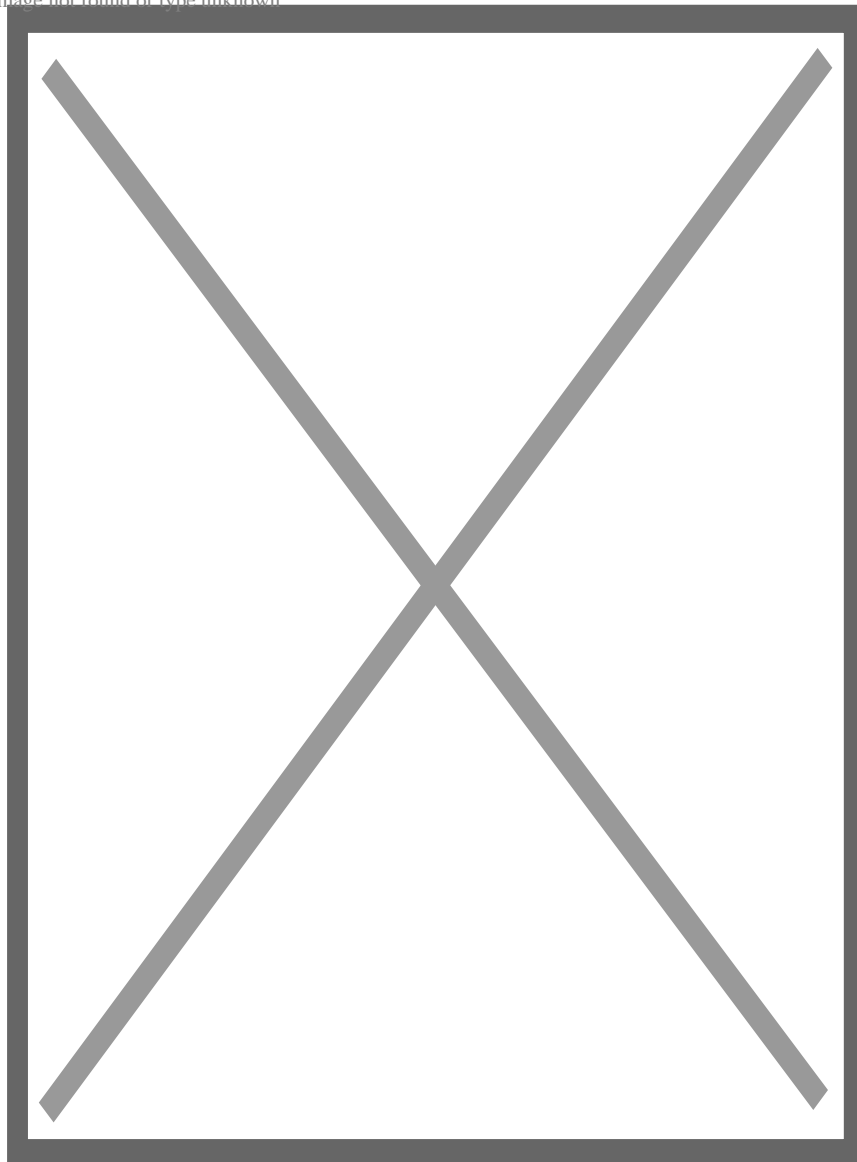


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REFERENCES

Product citation

- Laurino et al. [Brain Histamine Modulates the Antidepressant-Like Effect of the 3-Iodothyroacetic Acid \(TA1\)](#). Front Cell Neurosci. 2019 May 8;13:176. doi: 10.3389/fncel.2019.00176.
- Apolloni A. et al. [Histamine Regulates the Inflammatory Profile of SOD1-G93A Microglia and the Histaminergic System Is Dysregulated in Amyotrophic Lateral Sclerosis](#). Front Immunol. 2017 Nov 30;8:1689. doi: 10.3389/fimmu.2017.01689
- Simons FE et al. Histamine and H1-antihistamines: celebrating a century of progress, [J Allergy Clin Immunol](#). 2011 Dec;128(6):1139-1150.e4. doi: 10.1016/j.jaci.2011.09.005

Product pictures

#TITRE

Immunofluorescence imaging of Histamine in mouse midbrain
Histamine was detected into whole mount mouse midbrain using STAINperfect immunostaining kit A. Staining was obtained following the protocol for whole mounts samples preparation combined with our IS1039 rabbit polyclonal anti-histamine antibody. After incubation with a fluorescent labeled secondary antibody, confocal imaging was performed for picture acquisition.

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#TITRE

Histamine detection into crayfish CNS
Using STAINperfect immunostaining kit A, Histamine was detected into the CNS of a crayfish. Staining was obtained following the protocol for whole mounts samples with IS1039 rabbit polyclonal anti-histamine antibody. Fluorescent labeled secondary antibody was used and picture was acquired by confocal imaging.

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#TITRE

Affinity & specificity of anti-Histamine antibody
Competitive ELISA demonstrates that low amount of Histamine conjugate is required to displace antigen-antibody reaction (high affinity), while rising concentrations of Histidine (Histamine competitor) do not affect reaction (high specificity).

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Contact information

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

<https://www.immusmol.com/shop/histamine-polyclonal-antibody-bundle/>