

## Histamine antibody

Cat. No. GTX134710

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	ICC/IF, IHC-Fr, Dot, ELISA
<b>Reactivity</b>	Species independent

★★★★★ Review ( 1 )

Package  
100 µl, 25 µl

## PRODUCT

Antibody specificity was performed with a competitive ELISA test with the following compounds:

Compounds	Cross-reactivity ratio
Histamine-G-CP	1
Dopamine-G-CP	1/>10,000
Tryptamine-G-CP	1/>10,000

## Summary

G: Glutaraldehyde, CP: Carrier Protein (Gelatin).

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	1:100-1:1000
IHC-Fr	Assay dependent
Dot	Assay dependent
ELISA	1:1000-1:10000

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.43 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to Histamine
<b>Purification</b>	Purified by antigen-affinity chromatography.

For full product information, images and publications, please visit our [website](#).

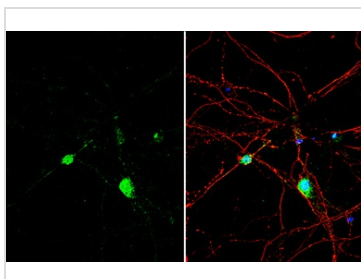
**Conjugation** Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

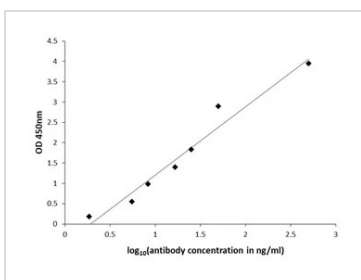
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DATA IMAGES



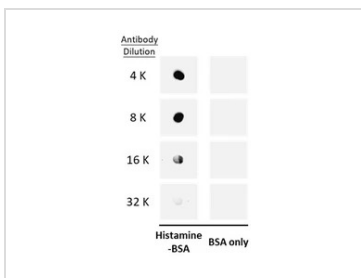
**GTX134710 ICC/IF Image**

Histamine antibody detects Histamine protein by immunofluorescent analysis.  
 Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: Histamine stained by Histamine antibody (GTX134710) diluted at 1:500.  
 Red: Tau, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.  
 Blue: Fluoroshield with DAPI (GTX30920).



**GTX134710 ELISA Image**

ELISA plate is coated with 100 µL of Histamine-carrier protein conjugate at 10 µg/mL. The coated ligand is detected with Histamine antibody (GTX134710) at concentrations ranging from 440 ng/mL down to 1.6 ng/mL. Rabbit IgG antibody (HRP) (GTX213110-01) is diluted at 1:2,000 and used to detect the primary antibody.



**GTX134710 Dot Image**

Dot blot analysis of 100 ng BSA-conjugated Histamine, using Histamine antibody (GTX134710) at 1:4000, 1:8000, 1:16000 and 1:32000.



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