

Product datasheet

anti-Histamine rabbit polyclonal, serum

Short overview

Cat. No.	16043
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Histamine conjugated to HSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC
Reactivity	Human, Rat

Applications

Immunocytochemistry (ICC)	1:300-1:600
Immunohistochemistry (IHC) - frozen	1:1,500-1:2,000
Immunohistochemistry (IHC) - paraffin	1:1,500-1:2,000 (microwave treatment recommended)

Background

Histamine is a neurotransmitter in the central nervous system as well as a mast cell constituent. In addition, histamine is produced by endocrine cells (ECL-cells) in the oxyntic mucosa of the stomach. Absorption with 10-100 µg histamine per ml diluted antiserum abolishes the staining, while noradrenaline, 5-HT, VIP, glucagon and histidine do not.

Positive control: cryostat sections of carbodiimide fixed human skin or freeze-dried paraffin-sections (vapor fixed in diethylpyrocarbonate; DEPC) of rat stomach.

Product images



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References

Publication	Species	Application
Philip O M Steinhoff, Gabriele Uhl, Steffen Harzsch, Andy Sombke. Visual pathways in the brain of the jumping spider <i>Marpissa muscosa</i>. J Comp Neurol 528, 1883-1902. (2020).	spider	IHC-IF
Johansson, O., Virtanen, M., Hilliges, M. & Yang, Q. Histamine immunohistochemistry: a new and highly sensitive method for studying cutaneous mast cells. Histochem. J. 24, 283-287 (1992).	human	ICC-IF
Lonroth, H., Hakanson, R., Lundell, L. & Sundler, F. Histamine containing endocrine cells in the human stomach. Gut 31, 383-388 (1990).	human	IHC (paraffin)
Håkanson, R. et al. Histamine in endocrine cells in the stomach. A survey of several species using a panel of histamine antibodies. Histochemistry 86, 5-17 (1986).	human,mouse,rat,hamster,guinea pig,dog,cat,pig	IHC (paraffin)