Product datasheet

anti-Phenylethanolamine-N-Methyltransferase guinea pig polyclonal, serum

Short overview

Cat. No.	16067
Quantity	50 µl (lyoph.)

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Phenylethanolamine-N-methyltransferase from bovine adrenal medulla (Sigma)
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	P10937 (Rat)
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	IHC
Reactivity	Rat

Applications

Immunohistochemistry (IHC) - frozen	1:400-1:800
Immunohistochemistry (IHC) - paraffin	1:200-1:400 (microwave treatment recommended)

Background

Phenylethanolamine-N-methyltransferase (PNMT) is an enzyme converting noradrenaline to adrenaline. The enzyme is present in adrenomedullary cells and in the brain neurons. Absorption with 10-100 ug immunogen per ml diluted antiserum abolishes the staining.Positive control: DEPC-fixed paraffin sections of rat adrenal gland.

Product images



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References

Publication	Species	Application
Bjartell, A., Persson, P., Absood, A., Sundler, F. & HÃ¥kanson, R. Helodermin-like peptides in noradrenaline cells of adrenal medulla. Regul. Pept. 26, 27â€“34 (1989).	rat	IHC (paraffin)