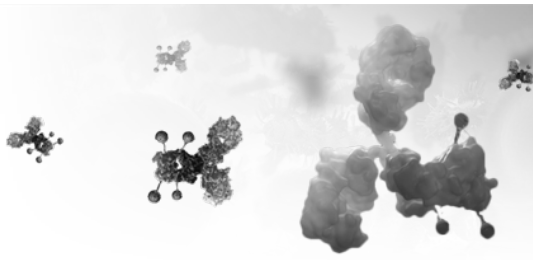

Anti-Dopamine polyclonal antibody (DPAB1659)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Using an antibody ,specificity was performed with an ELISA test by competition experiments with the following compounds : Compound Cross-reactivity ratio Anti-conjugated dopamine antibody 1 Anti-conjugated L-DOPA antibody <1/50,000
Immunogen	Polyclonal and monoclonal anti-conjugated dopamine antibodies (Ab1)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	Immunocytochemistry, Immunohistochemistry
Size	100 µl
Preservative	None
Storage	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

BACKGROUND

Introduction	Dopamine (sometimes abbreviated DA) is a catecholamine neurotransmitter present in a wide variety of animals, including both vertebrates and invertebrates. In the brain, this substituted phenethylamine functions as a neurotransmitter, activating the five known types of dopamine receptors—D1, D2, D3, D4, and D5—and their variants. Dopamine is produced in several areas of the brain, including the substantia nigra and the ventral tegmental area. Dopamine is also a

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	neurohormone released by the hypothalamus. Its main function as a hormone is to inhibit the release of prolactin from the anterior lobe of the pituitary.
Keywords	3 4 dihydroxyphenethylamine; 3 hydroxytyramine; DA; Dopamine; Oxytyramine; 2-(3,4-Dihydroxyphenyl)ethylamine; 3,4-Dihydroxyphenethylamine; 3-Hydroxytyramine;Dopamine; 4-(2-Aminotehyl)pyrocatechol

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