



RABBIT ANTI-DOPAMINE BETA HYDROXYLASE (DBH) POLYCLONAL ANTIBODY

CATALOG NO:	AB1585
LOT NUMBER:	
QUANTITY:	50 µL
SPECIFICITY:	Dopamine beta hydroxylase (DBH). AB1585 reacts with a single band on Western blots of bovine adrenal homogenates and stains only cells known to contain DBH, such as sympathetic neurons, adrenal medullary cells and central adrenergic neurons. Staining is abolished by preincubation with enzyme.
IMMUNOGEN:	Native enzyme from bovine adrenal glands.
APPLICATIONS:	Immunohistochemistry: 1:2,000 on rabbit and guinea pig using an ABC detection method. Western blot RIA Optimal working dilutions must be determined by the end user.
BIOLOGICAL ACTIVITY:	Completely inhibits enzyme activity <i>in vitro</i> and can also be used for inhibitory studies <i>in vivo</i> .
SPECIES REACTIVITIES:	Human, rat and bovine. Has not been tested on other species.
FORMAT:	Rabbit serum.
PRESENTATION:	Lyophilized, no preservatives. Reconstitute with 50 µL of sterile distilled water. Centrifuge to remove any insoluble material.
STORAGE/HANDLING:	Maintain lyophilized material at -20 to -70°C for up to 12 months after date of receipt. After reconstitution maintain at -20 to -70°C in undiluted aliquots for up to six months. Avoid repeated freeze/thaw cycles. Glycerol (ACS grade or better) can be added (1:1) for additional stability.
REFERENCES:	Rush, R. and Geffen L. (1980). Dopamine beta-hydroxylase in health and disease. <i>Crit Rev Clin Lab Sci</i> 12 :241-277. Varndell, I. et al. (1982). Electron immunocytochemical localization of enkephalin-like material in catecholamine-containing cells of the carotid body, the adrenal medulla, and in pheochromocytomas of man and other mammals. <i>J. Histochem. Cytochem.</i> 30 :682-690.



Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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