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Datasheet for ABIN5539717
anti-DBH antibody (AA 437-448)

2 Images

Overview

Quantity:	100 µg
Target:	DBH
Binding Specificity:	AA 437-448
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DBH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	DBH (aa437-448)
Sequence:	DNHYSPHFQE IR
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DBH
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Target Details

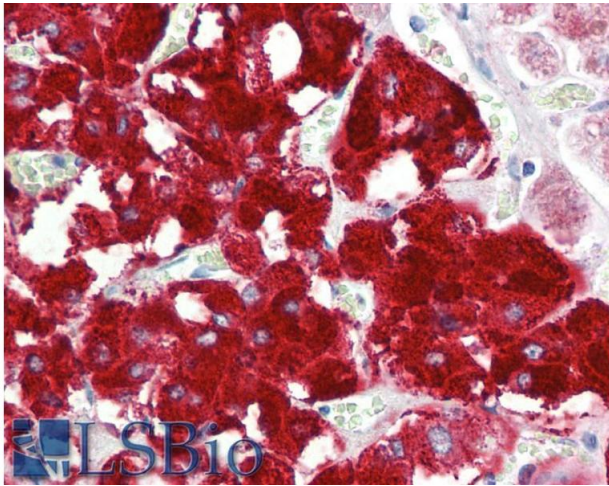
Alternative Name:	DBH (DBH Products)
Background:	DBH, dopamine beta-hydroxylase (dopamine beta-monoxygenase), DBM, dopamine beta-hydroxylase
Gene ID:	1621, 13166, 25699
NCBI Accession:	NP_000778
Pathways:	Carbohydrate Homeostasis

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx 70 kDa band observed in lysates of cell line Jurkat (calculated MW of 69.1 kDa according to NP_000778.3). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat Brain f</p> <p>Peptide ELISA: antibody detection limit dilution 1:128000.</p>
Restrictions:	For Research Use only

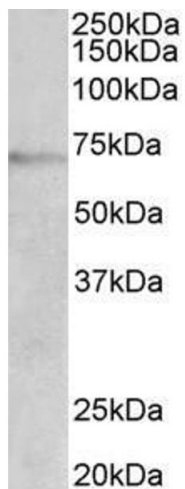
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539717 (5 μ g/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539717 (2 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.