

Datasheet for ABIN655173
anti-DBH antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	200 µL
Target:	DBH
Binding Specificity:	AA 27-56, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This DBH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human DBH.
Clone:	RB19267
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DBH
Alternative Name:	DBH (DBH Products)
Background:	The protein encoded by this gene is an oxidoreductase belonging to the copper type II,

Target Details

ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq].

Molecular Weight: 69065

Gene ID: 1621

NCBI Accession: [NP_000778](#)

UniProt: [P09172](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: IF: 1:25. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

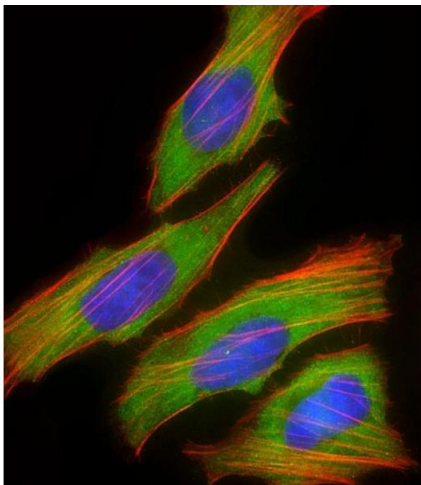
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

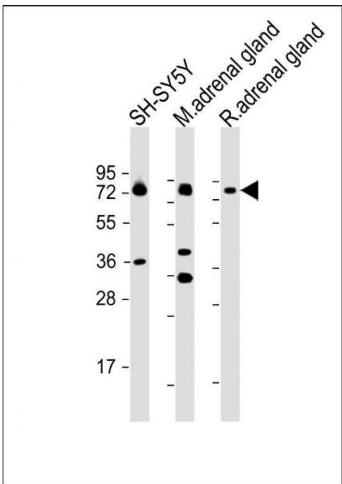
Publications

Product cited in: Kawakubo-Yasukochi, Morioka, Hazekawa, Yasukochi, Nishinakagawa, Ono, Kawano, Nakamura, Nakashima: "miR-200c-3p spreads invasive capacity in human oral squamous cell carcinoma microenvironment." in: **Molecular carcinogenesis**, Vol. 57, Issue 2, pp. 295-302, (2018) ([PubMed](#)).



Immunofluorescence

Image 1. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling DBH with (ABIN655173 and ABIN2844791) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and weak nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red).The nuclear counter stain is DI (blue).



Western Blotting

Image 2. All lanes : Anti-DBH Antibody (N-term P42) at 1:2000 dilution Lane 1: SH-SY5Y whole cell lysate Lane 2: mouse adrenal gland lysate Lane 3: rat adrenal gland lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.