

## Anti-DBH antibody

<b>Cat. No.</b>	ml122208
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DBH rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human DBH
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DBH
<b>Full name</b>	dopamine beta-hydroxylase (dopamine beta-monoxygenase)
<b>Synonyms</b>	DBM
<b>Swissprot</b>	P09172

### Target Background

The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monoxygenase 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.

订购热线: 4008-898-798

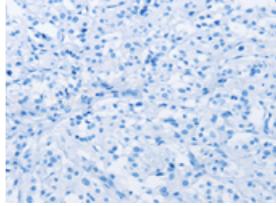
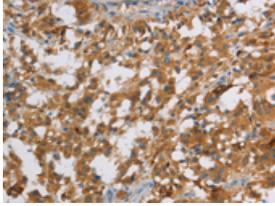
### Applications

#### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 100-300

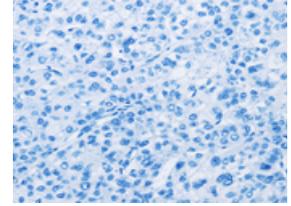
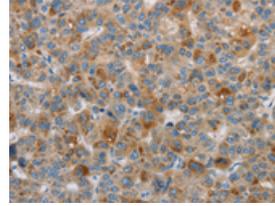


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml122208(DBH Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml122208(DBH Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)

#### Western blotting

Predicted band size: 69 kDa

Positive control: Mouse brain tissue, A172 and Hela cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

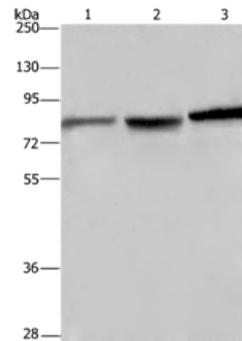
Lysate: 40 µg

Lane 1-3: Mouse brain tissue, A172 cells, Hela cells

Primary antibody: ml122208(DBH Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



#### ELISA

Recommended dilution: 2000-10000

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