

## Anti-UCN3 antibody

<b>Cat. No.</b>	ml163549
<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-UCN3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human UCN3
<b>Reactivity</b>	Human
<b>Content</b>	1.4 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>	UCN3
<b>Full name</b>	urocortin 3
<b>Synonyms</b>	SCP; SPC; UCNIII
<b>Swissprot</b>	Q969E3

### Target Background

This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family of proteins. The encoded preproprotein is proteolytically processed to generate the mature peptide hormone, which is secreted by pancreatic beta and alpha cells. This hormone is an endogenous ligand for corticotropin-releasing factor receptor 2 and may regulate insulin secretion in response to plasma glucose levels. Patients with type 2 diabetes exhibit reduced levels of the encoded protein in beta cells. In the brain, the encoded protein may be responsible for the effects of stress on appetite.

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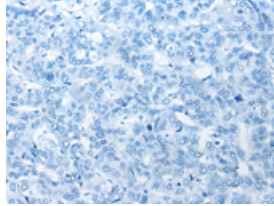
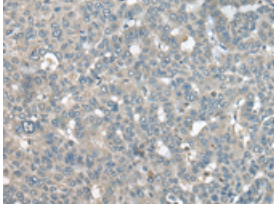
### Applications

#### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-300

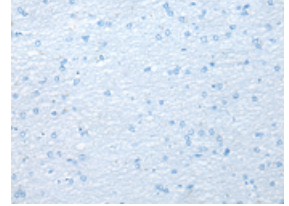
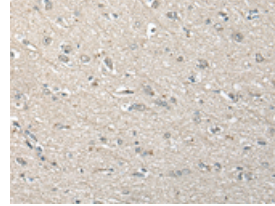


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163549(UCN3 Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml163549(UCN3 Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

#### ELISA

Recommended dilution: 5000-10000

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