

## Anti-HTR3A antibody

<b>Cat. No.</b>	ml220185
<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-HTR3A rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human HTR3A
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.08 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>	HTR3A
<b>Full name</b>	5-hydroxytryptamine receptor 3A

**Synonyms** HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R

**Swissprot** P46098

### **Target Background**

The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.

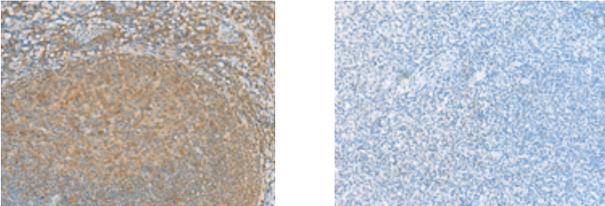
## Applications

### Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human tonsil

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml220185(HTR3A Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 55 kDa

Positive control: TM4 cell lysate

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

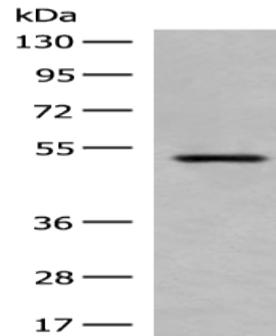
Lysate: 40  $\mu$ g

Lane: TM4 cell lysate

Primary antibody: ml220185(HTR3A Antibody) at dilution 1/200

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

Exposure time: 30 seconds



#### ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)