

## Anti-UBB antibody

<b>Cat. No.</b>	ml120023
<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-UBB rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human UBB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.3 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>	UBB
<b>Full name</b>	ubiquitin B
<b>Synonyms</b>	
<b>Swissprot</b>	P0CG47

### Target Background

This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. An aberrant form of this protein has been detected in patients with Alzheimer's disease and Down syndrome. Pseudogenes of this gene are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants.

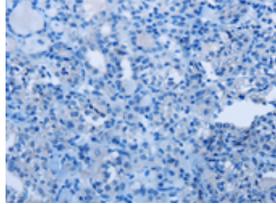
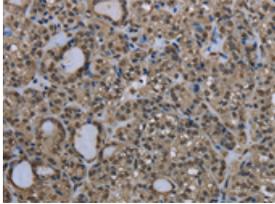
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100

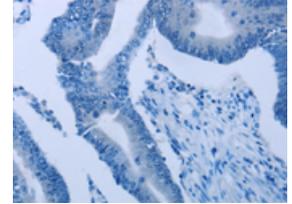
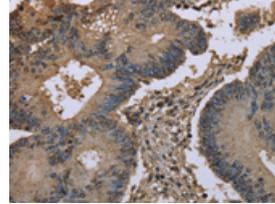


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml120023(UBB Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml120023(UBB Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 26 kDa

Positive control: Mouse pancreas tissue, Hela cells and mouse liver tissue, A549 and 293T cells

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

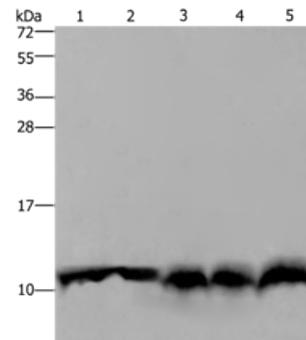
Lysate: 40  $\mu$ g

Lane 1-5: Mouse pancreas tissue, Hela cells, mouse liver tissue, A549 cells, 293T cells

Primary antibody: ml120023(UBB Antibody) at dilution 1/500

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

Exposure time: 20 seconds



### ELISA

Recommended dilution: 2000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio\_cn@yeah.net

网址: www.mlbio.cn