

Anti-PHB antibody

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|-----------------|---|
| Cat. No. | ml221131 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

| | |
|---------------------|-------------------------------------|
| Description | Anti-PHB rabbit polyclonal antibody |
| Applications | ELISA, WB, IHC |
| Immunogen | Fusion protein of human PHB |
| Reactivity | Human, Mouse, Rat |
| Content | 0.7 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

| | |
|------------------|------------|
| Symbol | PHB |
| Full name | prohibitin |

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| Synonyms | PHB1 |
| Swissprot | P35232 |

Target Background

This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants

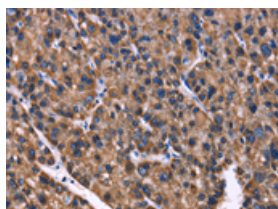
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200

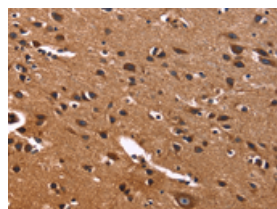


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221131(PHB Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml221131(PHB Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 30 kDa

Positive control: 293T and A549 cells, human hepatocellular carcinoma tissue and PC3 cells, hela cells and mouse heart tissue

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

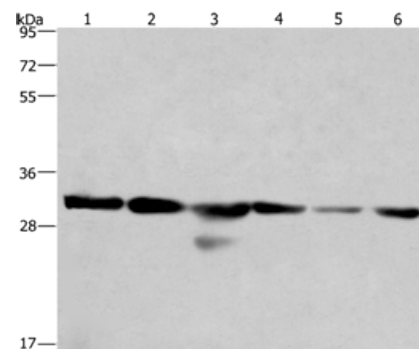
Lysate: 40 µg

Lane 1-6: 293T cells, A549 cells, human hepatocellular carcinoma tissue, PC3 cells, hela cells, mouse heart tissue

Primary antibody: ml221131(PHB Antibody) at dilution 1/500

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

Exposure time: 15 seconds



ELISA

Recommended dilution: 2000-5000

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