

Prohibitin Rabbit mAb

Catalog No.: A19530 **Recombinant**

Basic Information

Observed MW

30kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0007

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

5245

Swiss Prot

P35232

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Prohibitin (P35232).

Synonyms

PHB; HEL-215; HEL-S-54e; Prohibitin

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

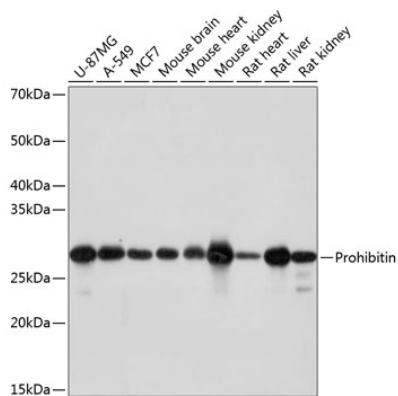
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Prohibitin antibody (A19530) at 1:1000 dilution.

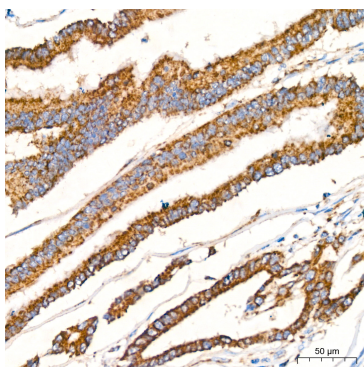
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

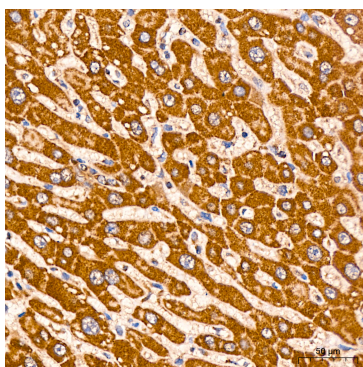
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

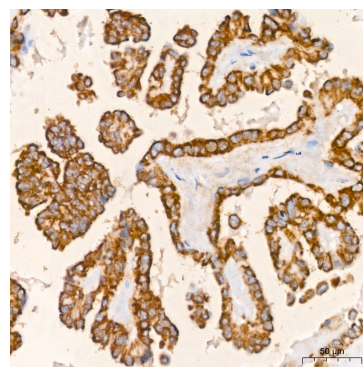
Exposure time: 5s.



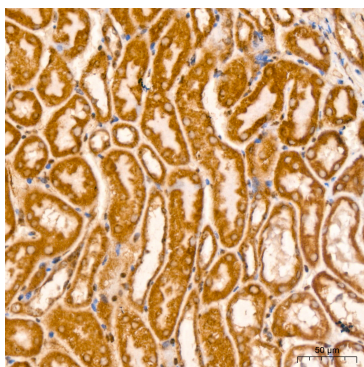
Immunohistochemistry analysis of Prohibitin in paraffin-embedded human colon carcinoma tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



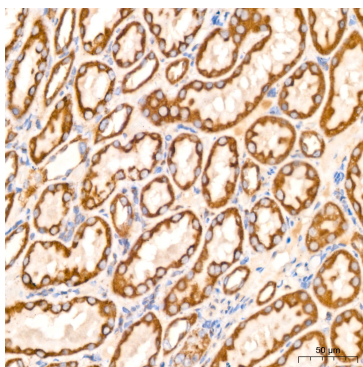
Immunohistochemistry analysis of Prohibitin in paraffin-embedded human liver tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



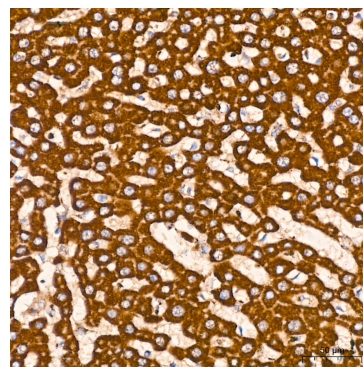
Immunohistochemistry analysis of Prohibitin in paraffin-embedded human thyroid cancer tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Prohibitin in paraffin-embedded mouse kidney tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Prohibitin in paraffin-embedded rat kidney tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Prohibitin in paraffin-embedded rat liver tissue using Prohibitin Rabbit mAb (A19530) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.