

# Prohibitin Rabbit pAb

Catalog No.: A13526

## Basic Information

### Observed MW

30kDa

### Calculated MW

30kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat, Monkey

## 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 - 1:2000

IHC-P 1:100 - 1:500

## Immunogen Information

### Gene ID

5245

### Swiss Prot

P35232

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 73-272 of human Prohibitin (NP\_002625.1).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

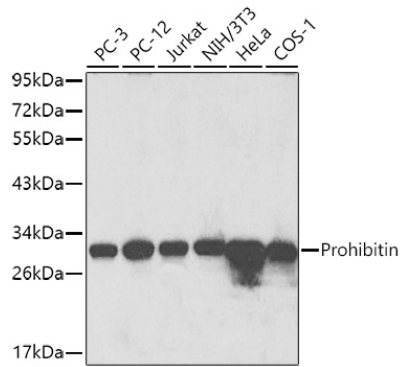
Affinity purification

### Storage

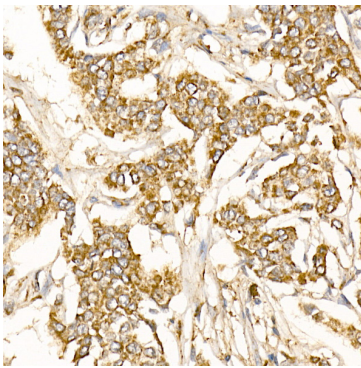
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

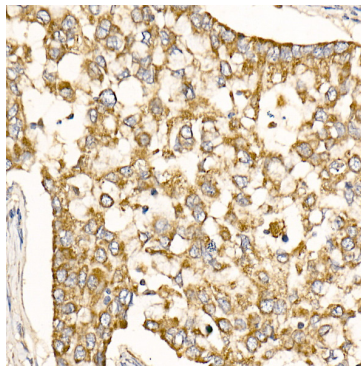
## Validation Data



Western blot analysis of various lysates using Prohibitin Rabbit pAb (A13526) 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.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using Prohibitin Rabbit pAb (A13526) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Prohibitin Rabbit pAb (A13526) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.