

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	Swiss Prot
5245	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

 | www.abclonal.com

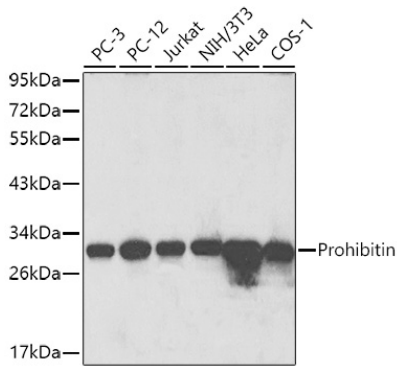
Product Information

Source	Isotype	Purification
Rabbit	IgG	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

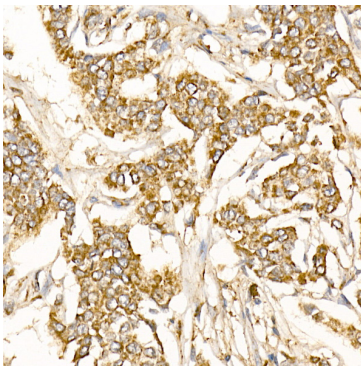


Western blot analysis of extracts of various cell lines, using Prohibitin antibody (A13526) at 1:1000 dilution.

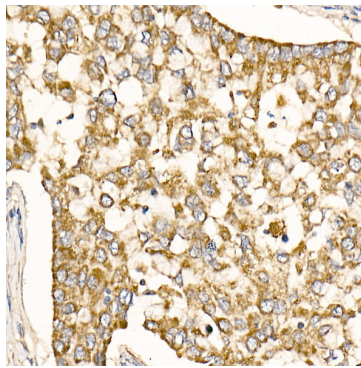
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.