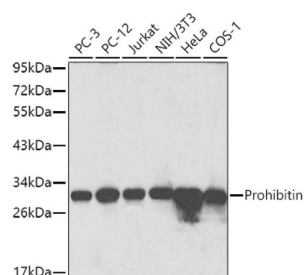
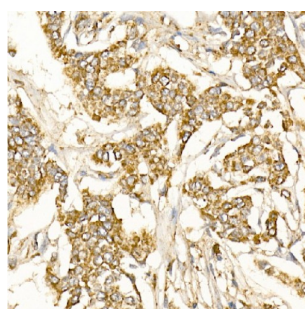


Prohibitin (PHB) Antibody

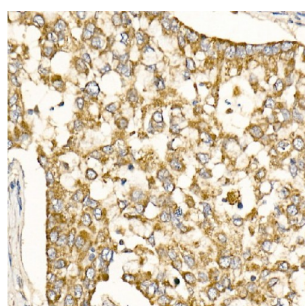
Catalogue No.: abx000537



Western blot analysis of extracts of various cell lines using Prohibitin Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded human breast cancer using Prohibitin Antibody (1/50 dilution) (40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human lung cancer using Prohibitin antibody (1/50 dilution) (40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

PHB Antibody is a Rabbit Polyclonal antibody against PHB. 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.

Target: Prohibitin (PHB)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat, Monkey

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 4.0.0
Revision date: 28 Aug 2025



| | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant fusion protein corresponding to human PHB |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P35232 (UniProt , ExPASy) |
| Gene Symbol: | PHB |
| GeneID: | 5245 |
| NCBI Accession: | NP_002625.1 |
| KEGG: | hsa:5245 |
| String: | 9606.ENSP00000479488 |
| Molecular Weight: | Calculated MW: 17 kDa/29 kDa Observed MW: 30 kDa |
| Buffer: | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| Concentration: | 1 mg/ml |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |