

A4504

Leader in Biomolecular Solutions for Life Science



Prohibitin 2 (PHB2) Rabbit pAb

Catalog No.: A4504

1 Publications

Basic Information

Observed MW

32kDa

Calculated MW

33kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables several functions, including protein C-terminus binding activity; protein N-terminus binding activity; and protein dimerization activity. Involved in several processes, including defense response to virus; positive regulation of cell cycle phase transition; and regulation of transcription, DNA-templated. Located in several cellular components, including cell surface; mitochondrial membrane; and nuclear matrix. Part of mitochondrial prohibitin complex.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

11331

Swiss Prot

Q99623

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-299 of human Prohibitin 2 (Prohibitin 2 (PHB2)) (NP_001138303.1).

Synonyms

BAP; REA; p22; hBAP; Bap37; BCAP37; PNAS-141; Prohibitin 2 (PHB2)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

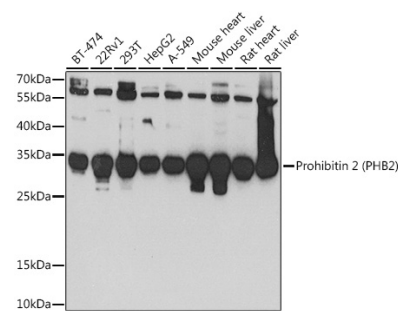
Affinity purification

Storage

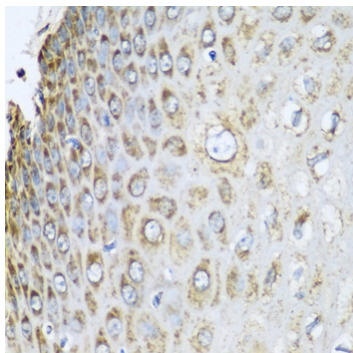
Store at -20°C. Avoid freeze / thaw cycles.

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

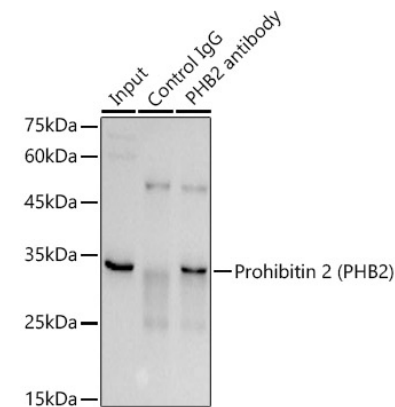
Validation Data



Western blot analysis of various lysates using Prohibitin 2 (PHB2) Rabbit pAb (A4504) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry analysis of Prohibitin 2 (PHB2) in paraffin-embedded human esophagus using Prohibitin 2 (PHB2) Rabbit pAb (A4504) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 300 µg extracts of A-549 cells using 3 µg Prohibitin 2 (PHB2) antibody (A4504). Western blot was performed from the immunoprecipitate using Prohibitin 2 (PHB2) antibody (A4504) at a dilution of 1:1000.