Anti-Prohibitin-2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106120

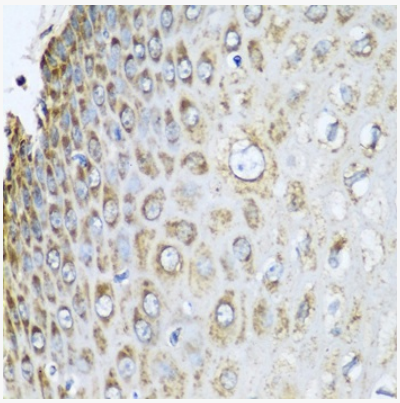
Product Information

Application	WB, IHC-P, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IHC-P 1:50~1:100; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-299 of human Prohibitin 2 (Prohibitin 2 (PHB2)) (NP_001138303.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Prohibitin-2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

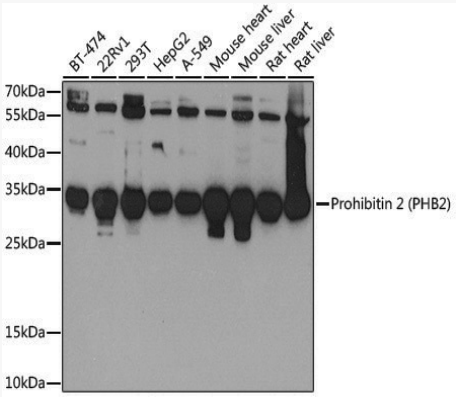
Protein Information

Synonyms	BAP; REA; p22; hBAP; Bap37; PHB2; BCAP37; PNAS-141; Prohibitin 2 (PHB2).
Calculated MW	Calculated MW: 33 kDa; Observed MW: 32 kDa
Uniprot ID	Q99623
Gene ID	11331
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.

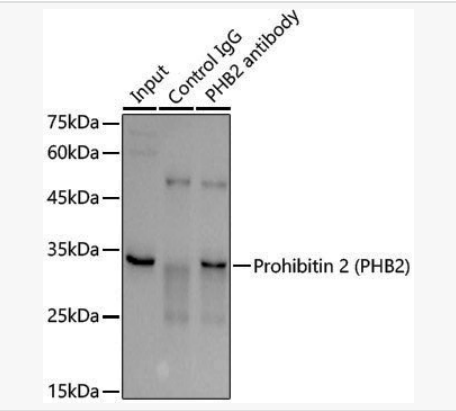
Validation Images



Immunohistochemistry analysis of paraffin-embedded Human esophagus using Prohibitin 2 (PHB2) Rabbit pAb (P106120) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Western blot analysis of various lysates using Prohibitin 2 (PHB2) Rabbit pAb (P106120) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.



Immunoprecipitation analysis of 300 µg extracts of A-549 cells using 3 µg Prohibitin 2 (PHB2) antibody (P106120). Western blot was performed from the immunoprecipitate using Prohibitin 2 (PHB2) antibody (P106120) at a dilution of 1:1000.