

PHB(Phospho-Tyr259) Antibody

Catalog No: #11587

Package Size: #11587-1 50ul #11587-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

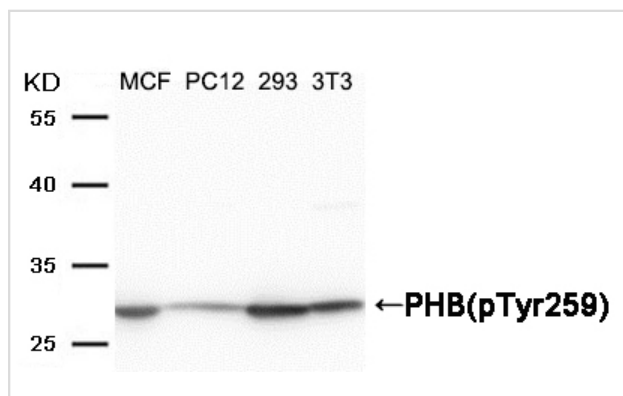
Description

Product Name	PHB(Phospho-Tyr259) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of PHB only when phosphorylated at tyrosine 259.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 259 (I-T-Y(p)-L-P) derived from Human PHB.
Conjugates	Unconjugated
Target Name	PHB
Modification	Phospho
Other Names	Prohibitin; PHB1
Accession No.	Swiss-Prot: P35232; NCBI Gene: 5245; NCBI Protein: NP_001268425.1.
SDS-PAGE MW	29kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from MCF, PC12, 293 and 3T3 cells using PHB (Phospho-Tyr259) Antibody #11587.

Background

Prohibitin inhibits DNA synthesis. It has a role in regulating proliferation. As yet it is unclear if the protein or the mRNA exhibits this effect. May play a role in regulating mitochondrial respiration activity and in aging.

Published Papers

el at., A novel c-Kit/phospho-prohibitin axis enhances ovarian cancer stemness and chemoresistance via Notch3 PBX1 and β -catenin ABCG2 signaling. In J Biomed Sci. On 2020 Mar 13; by Fang CH, Lin YT, et al..PMID: 32169072 , , (2020)

[PMID:32169072](#)

el at., Olfactory Bulb Neuroproteomics Reveals a Chronological Perturbation of Survival Routes and a Disruption of Prohibitin Complex During Alzheimer's Disease Progression. Sci Rep on 2017 Aug 22 by Mercedes Lachθ n-Montes, Andrea Gonzθ°lez-Morales, et al..PMID: 28831118, , (2017)

[PMID:28831118](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.