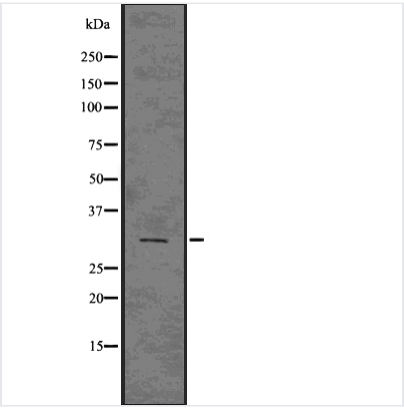
Prohibitin (PHB) Antibody

PRODUCT OVERVIEW

Product Name	Prohibitin (PHB), Antibody
Full Product Name	Prohibitin Antibody
Product Gene Name	anti-PHB antibody
Molecular Weight	17,018 Da
OMIM	176705
3D Structure	ModBase 3D Structure for P35232
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-PHB antibody	MBS8516998 is an antibody targeting PHB. Also known as Prohibitin Antibody.
Other Notes	Small volumes of anti-PHB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PHB antibody
Western blot analysis Prohibitin using HepG2 whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PHB. It may not necessarily be applicable to this product.

NCBI GI #	527498279
NCBI GeneID	5245
NCBI Accession #	NP_001268425.1
UniProt Primary Accession #	P35232
UniProt Secondary Accession #	Q4VBQ0; B4DY47
UniProt Related Accession #	P35232
GenBank Nucleotide #	NM_001281496.1
NCBI Official Full Name	prohibitin isoform 1

NCBI Official Synonym Full Names	prohibitin
NCBI Official Symbol	PHB
NCBI Official Synonym Symbols	PHB1; HEL-215; HEL-S-54e
UniProt Protein Name	Prohibitin
Protein Family	Prohibitin
UniProt Gene Name	PHB
NCBI Protein Information	prohibitin
NCBI Summary for 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. [provided by RefSeq, Jul 2013]
UniProt Comments for PHB	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.
Research Articles on PHB	**1.** Case Report: imbalance between ROS and antioxidants together with failure of signal transduction in the glomerular slit membrane caused by prohibitin 2 abnormality could have contributed to nephrotic syndrome.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/antibody/prohibitin/8516998