

**ARG55648**  
anti-Prohibitin antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Prohibitin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Prohibitin
Species	Human
Immunogen	Recombinant protein of Human Prohibitin.
Conjugation	Un-conjugated
Alternate Names	HEL-215; PHB1; Prohibitin; HEL-S-54e

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	PC-12 and PC-3	
Observed Size	~ 30 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

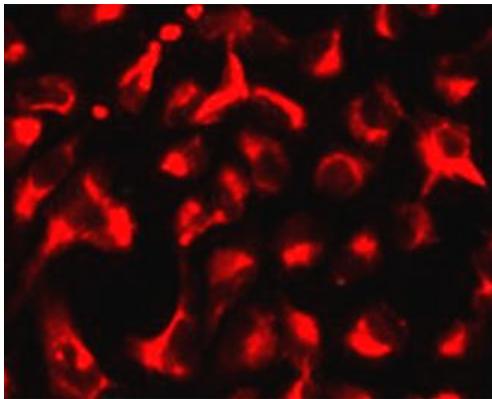
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

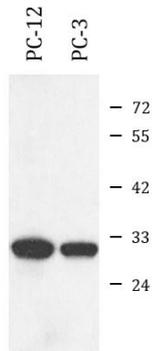
Gene Symbol	PHB
Gene Full Name	prohibitin
Background	This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Function	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. [UniProt]
Calculated Mw	30 kDa

## Images



ARG55648 anti-Prohibitin antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55648 anti-Prohibitin antibody.



ARG55648 anti-Prohibitin antibody WB image

Western blot: PC-12 and PC-3 cell lysates stained with ARG55648 anti-Prohibitin antibody.