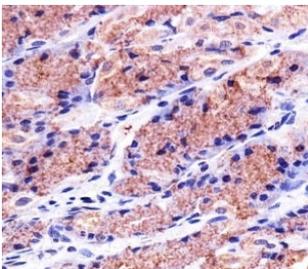


## PHB1 Antibody / Prohibitin [clone 1215CT487.109.106] (F52428)

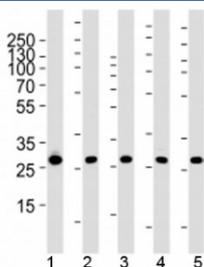
Catalog No.	Formulation	Size
F52428-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52428-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, k
<b>Clone Name</b>	1215CT487.109.106
<b>Purity</b>	Purified
<b>UniProt</b>	P35232
<b>Applications</b>	IHC (Paraffin) : 1:25 Western Blot : 1:1000
<b>Limitations</b>	This PHB1 antibody is available for research use only.



Immunohistochemical analysis of paraffin-embedded human stomach using PHB1 antibody at 1:25 dilution.



Western blot analysis of lysate from 1) 293, 2) MCF-7, 3) HepG2, 4) mouse NIH3T3 cell line and 5) rat liver tissue using PHB1 antibody at 1:1000. Predicted molecular weight ~29 kDa.

## Description

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.

## Application Notes

Titration of the PHB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This PHB1 antibody was produced from a mice immunized with a recombinant protein between 1-205 amino acids from the human protein.

## Storage

Aliquot the PHB1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.