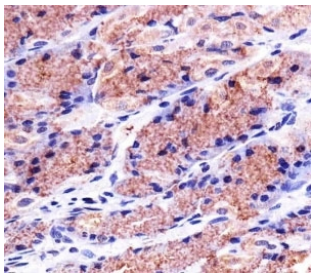
PHB1 Antibody / Prohibitin [clone 1215CT487.109.106] (F52428)

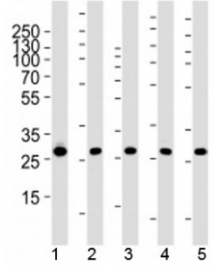
Catalog No.	Formulation	Size
F52428-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52428-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, k
Clone Name	1215CT487.109.106
Purity	Purified
UniProt	P35232
Applications	IHC (Paraffin): 1:25 Western blot: 1:1000
Limitations	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.

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