

Prohibitin Polyclonal Antibody

Catalog No: #42289

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Description

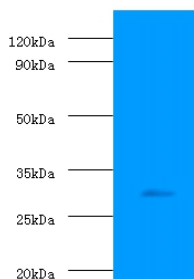
Product Name	Prohibitin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Prohibitin polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Prohibitin protein
Target Name	Prohibitin
Other Names	PHB
Accession No.	Swiss-Prot#: P35232
Uniprot	P35232
GeneID	5245;
Calculated MW	30kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

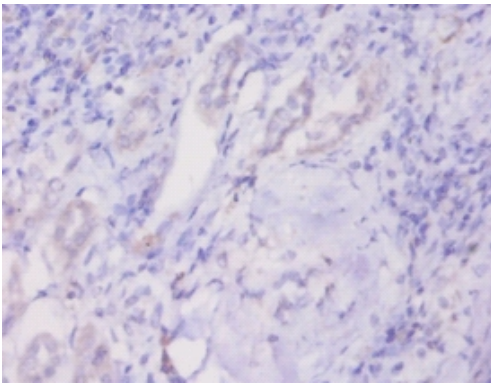
Western blotting: □1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes:Prohibitin Antibody at 2ug/ml+mouse brain tissue
Secondary
Goat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 30kDa
Observed band size: 30kDa



Immunohistochemical analysis of paraffin-embedded humankidney using #42289 at dilution of 1:10.

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.

References

[1] "The human prohibitin gene located on chromosome 17q21 is mutated in sporadic breast cancer." Sato T., Saito H., Swensen J., Olifant A., Wood C., Danner D., Sakamoto T., Takita K., Kasumi F., Miki Y., Skolnick M., Nakamura Y. *Cancer Res.* 52:1643-1646(

Note: This product is for in vitro research use only