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PSMAL Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5068c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9HBA9
Other Accession	Q04609
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20848
Calculated MW	50045
Antigen Region	155-183

Additional Information

Other Names	Putative N-acetylated-alpha-linked acidic dipeptidase, NAALADase, 34--, Cell growth-inhibiting gene 26 protein, Prostate-specific membrane antigen-like protein, Putative folate hydrolase 1B, FOLH1B, PSMAL
Target/Specificity	This PSMAL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-183 amino acids from the Central region of human PSMAL.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PSMAL Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FOLH1B
Synonyms	PSMAL

Function	Has both folate hydrolase and N-acetylated-alpha-linked- acidic dipeptidase (NAALADase) activity.
Cellular Location	Cytoplasm.
Tissue Location	Kidney and liver. Not expressed in the prostate.

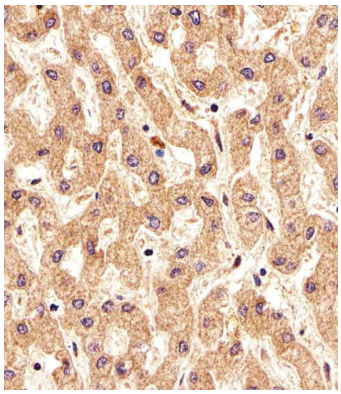
Background

PSMAL has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity (By similarity). PSMAL exhibits a dipeptidyl-peptidase IV type activity

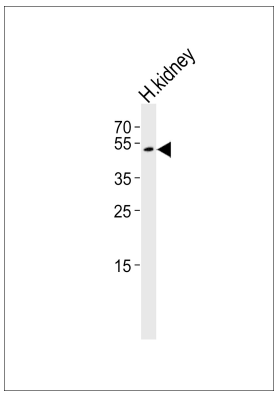
References

O'Keefe, D.S., et al. Prostate 58(2):200-210(2004)
O'Keefe, D.S., et al. Biochim. Biophys. Acta 1443 (1-2), 113-127 (1998)
Maraj, B.H., et al. Cytogenet. Cell Genet. 81(1):3-9(1998)

Images

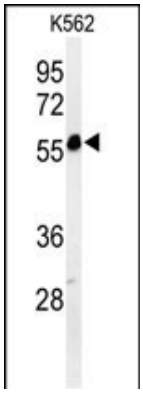


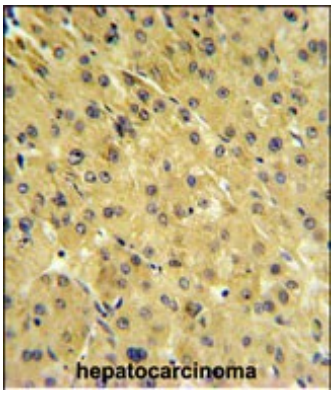
Immunohistochemical analysis of paraffin-embedded H. liver section using PSMAL Antibody (Center)(Cat#AP5068c). AP5068c was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



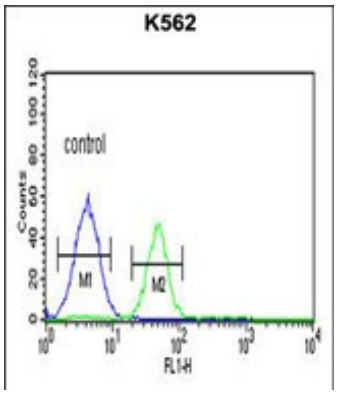
Western blot analysis of lysate from human kidney tissue lysate, using PSMAL Antibody (Center)(Cat. #AP5068c). AP5068c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

Western blot analysis of PSMAL Antibody (Center) (Cat. #AP5068c) in K562 cell line lysates (35ug/lane).PSMAL (arrow) was detected using the purified Pab.





PSMAL Antibody (Center) (Cat. #AP5068c) IHC analysis in formalin fixed and paraffin embedded hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PSMAL Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



PSMAL Antibody (Center) (Cat. #AP5068c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.