

SMYD1-Specific Polyclonal antibody

Catalog Number: 16151-1-AP

Featured Product

1 Publications

Basic Information

Catalog Number:

16151-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_198274

GeneID (NCBI):

150572

UNIPROT ID:

Q8NB12

Full Name:

SET and MYND domain containing 1

Calculated MW:

57 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, mouse skeletal muscle tissue

IP : mouse heart tissue,

IHC : human testis tissue, human heart tissue, human kidney tissue, human placenta tissue, human skin tissue, human liver tissue, human spleen tissue, human lung tissue, human ovary tissue, mouse heart tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Fang Li	37385529	Toxicol Lett	WB,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

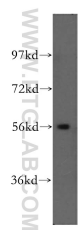
For technical support and original validation data for this product please contact:

T: 4006900926

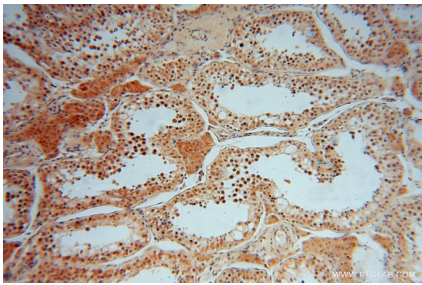
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

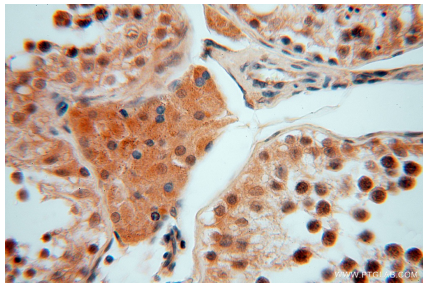
Selected Validation Data



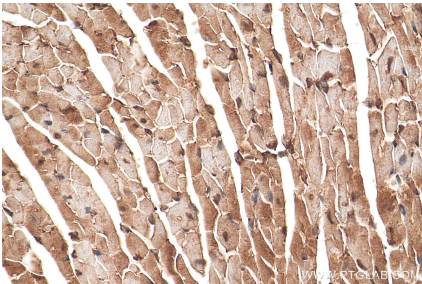
mouse heart tissue were subjected to SDS PAGE followed by western blot with 16151-1-AP (SMYD1-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



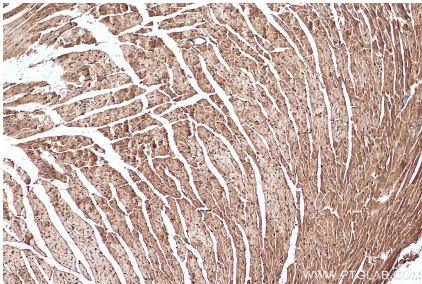
Immunohistochemical analysis of paraffin-embedded human testis using 16151-1-AP (SMYD1-Specific antibody) at dilution of 1:50 (under 10x lens).



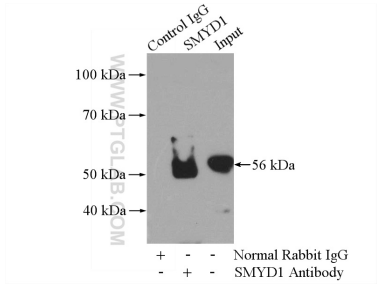
Immunohistochemical analysis of paraffin-embedded human testis using 16151-1-AP (SMYD1-Specific antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16151-1-AP (SMYD1-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16151-1-AP (SMYD1-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-SMYD1-Specific (IP:16151-1-AP, 4ug; Detection:16151-1-AP 1:500) with mouse heart tissue lysate 4000ug.