

For Research Use Only

MRAP Polyclonal antibody

Catalog Number: 19512-1-AP

1 Publications



Basic Information

Catalog Number:

19512-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_178817

GeneID (NCBI):

56246

UNIPROT ID:

Q8TCY5

Full Name:

melanocortin 2 receptor accessory protein

Calculated MW:

19 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

rat

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 kidney tissue,

IHC : human testis tissue, mouse kidney tissue

IF/ICC : HeLa cells,

Background Information

MRAP, also named as C21orf61, FALP and B27, is required for MC2R expression in certain cell types. MRAP is involved in the processing, trafficking or function of MC2R. MRAP may be involved in the intracellular trafficking pathways in adipocyte cells. Mutation of MRAP will cause glucocorticoid deficiency type 2 (GCCD2) which known as familial glucocorticoid deficiency type 2 (FGD2). The antibody can recognize the isoform1, isoform2 and isoform4.

Notable Publications

Author	Pubmed ID	Journal	Application
Jodi F Evans	23358747	Cell Tissue Res	WB

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

*** 20ul sizes contain 0.1% BSA

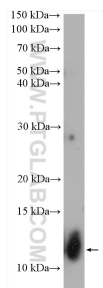
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

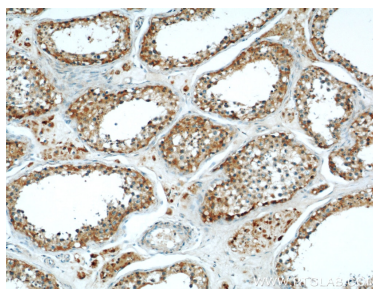
E: proteintech@ptglab.com
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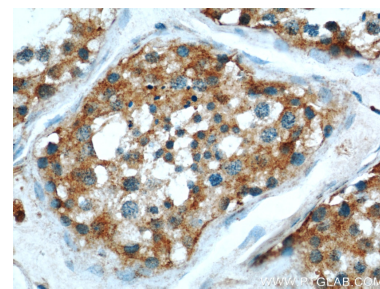
Selected Validation Data



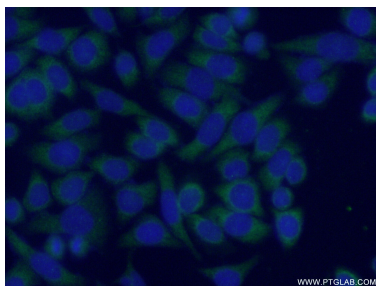
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 19512-1-AP (MRAP antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 19512-1-AP (MRAP antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 19512-1-AP (MRAP antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 19512-1-AP (MRAP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).