

For Research Use Only

MRAP Polyclonal antibody

Catalog Number: 19512-1-AP **1 Publications**



Basic Information

Catalog Number: 19512-1-AP	GenBank Accession Number: NM_178817	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56246	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: melanocortin 2 receptor accessory protein	
Isotype: IgG	Calculated MW: 19 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse kidney tissue,
Species Specificity: human, mouse	IHC : human testis tissue, mouse kidney tissue
Cited Species: rat	IF : HeLa cells,

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

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

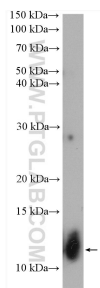
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

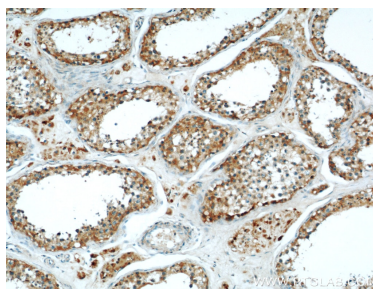
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

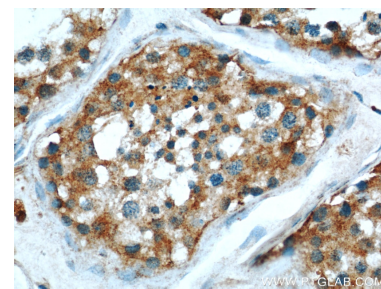
Selected Validation Data



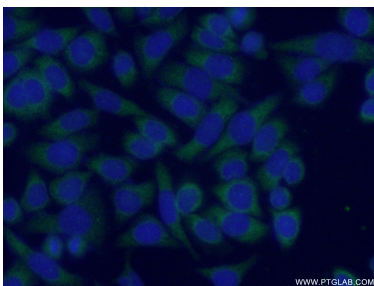
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 19512-1-AP (MRAP antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).