

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Modulator of melanocortin receptor 4 (MC4R), a receptor involved in energy homeostasis. Plays a central role in the control of energy homeostasis and body weight regulation by increasing ligand-sensitivity of MC4R and MC4R-mediated generation of cAMP. May also act as a negative regulator of MC2R: competes with MRAP for binding to MC2R and impairs the binding of corticotropin (ACTH) to MC2R. May also regulate activity of other melanocortin receptors (MC1R, MC3R and MC5R); however, additional evidences are required in vivo.

Gene ID:

MRAP2

Uniprot

Q96G30

Synonyms:

Melanocortin-2 receptor accessory protein 2 (MC2R accessory protein 2), MRAP2, C6orf117

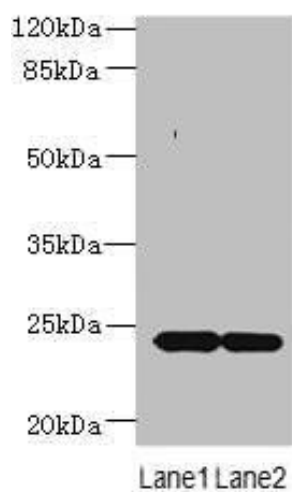
Immunogen:

Recombinant Human Melanocortin-2 receptor accessory protein 2 protein (66-205AA).

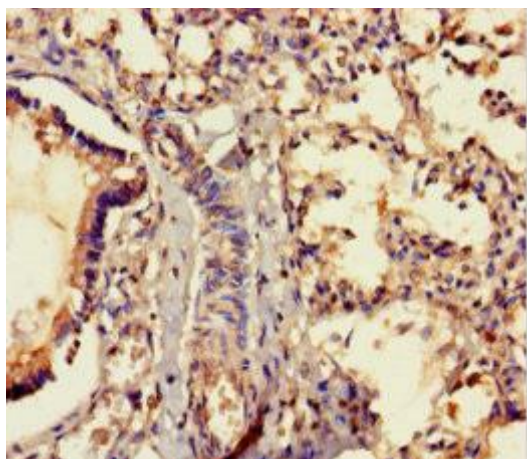
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

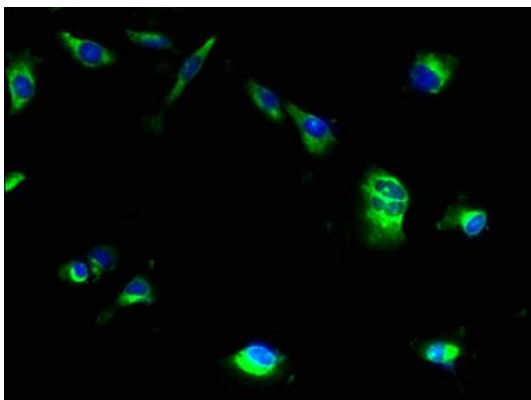
Product Images



Western blot. All lanes: MRAP2 antibody at 7 μ g/ml. Lane 1: Mouse brain tissue. Lane 2: Mouse kidney tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 24 kDa. Observed band size: 24 kDa.



Immunohistochemistry of paraffin-embedded human lung tissue using PACO39834 at dilution of 1:100.



Immunofluorescent analysis of U251 cells using PACO39834 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).