



Datasheet for ABIN7159225  
**anti-MRAP2 antibody (AA 66-205)**



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4 Images

Overview

Quantity:	100 µg
Target:	MRAP2
Binding Specificity:	AA 66-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRAP2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Melanocortin-2 receptor accessory protein 2 protein (66-205AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MRAP2
Alternative Name:	MRAP2 ( <a href="#">MRAP2 Products</a> )
Background:	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

## Target Details

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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.

Aliases: MRAP2 antibody, C6orf117 antibody, Melanocortin-2 receptor accessory protein 2 antibody, MC2R accessory protein 2 antibody

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UniProt: [Q96G30](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

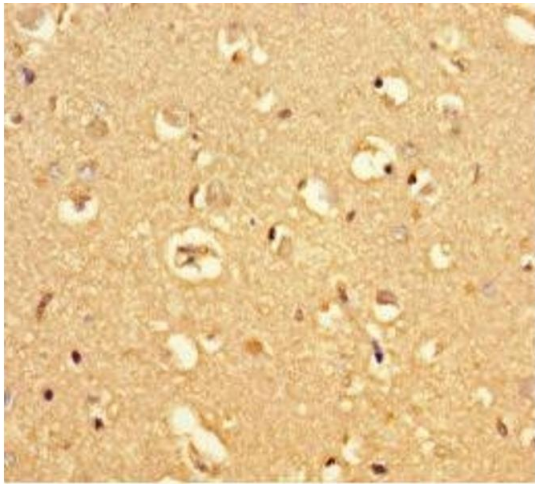
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



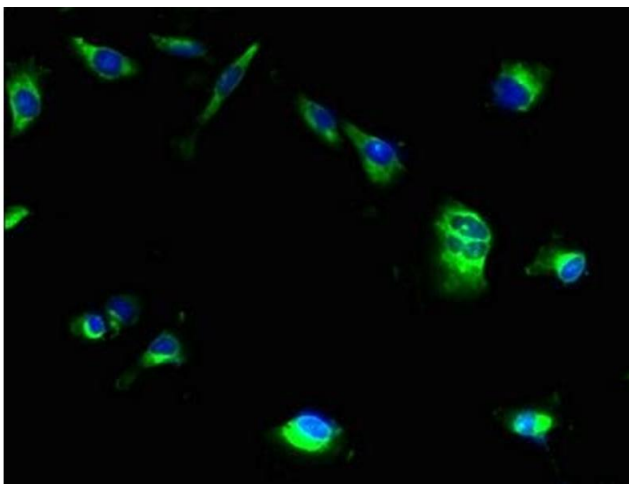
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7159225 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: MRAP2 antibody at 7  $\mu$ 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



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of U251 cells using ABIN7159225 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7159225.