

Rabbit anti-Human, Mouse MRAP2 Polyclonal Antibody | anti-MRAP2 antibody

MRAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230330	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

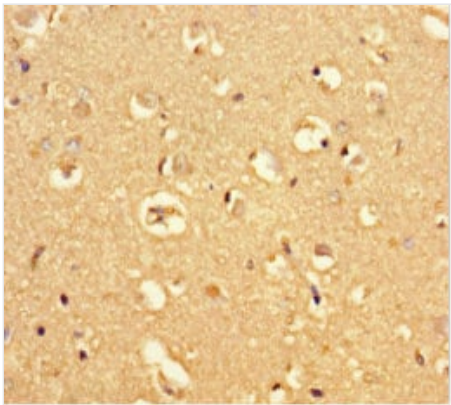
PRODUCT SYNONYMS

MRAP2; Polyclonal Antibody; MRAP2 Antibody; Melanocortin-2 receptor accessory protein 2 (MC2R accessory protein 2); C6orf117; anti-MRAP2 antibody

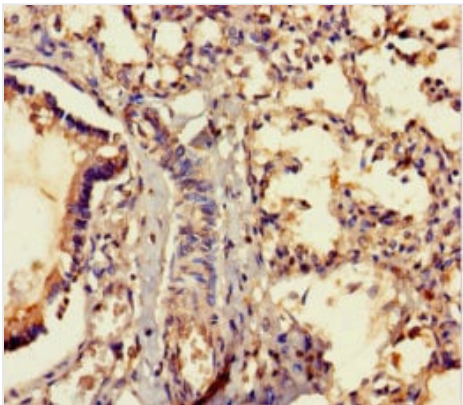
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-MRAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Melanocortin-2 receptor accessory protein 2 protein (66-205AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	MRAP2
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

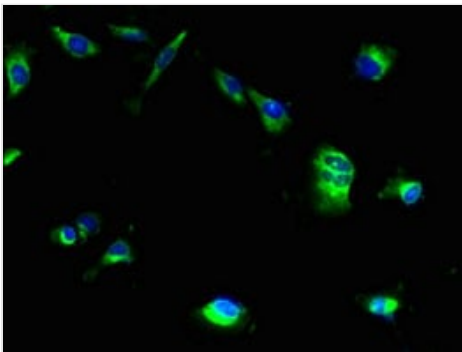
IMAGES



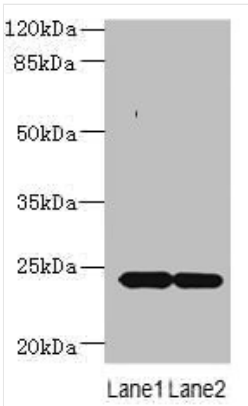
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA230330 at dilution 1:100



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human lung tissue using AAA230330 at dilution 1:100



IF (Immunofluorescence)
Immunofluorescent analysis of U251 cells using AAA230330 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western blotAll lanes: MRAP2 antibody at 7ug/mlLane 1: Mouse brain tissueLane 2: Mouse kidney tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 24 kDaObserved band size: 24 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MRAP2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156523251
NCBI GeneID	112609
NCBI Accession #	NP_612418.2
NCBI GenBank Nucleotide #	NM_138409.2
UniProt Accession #	Q96G30; Q8IXM9; Q8N2D1; A8K9M1
NCBI Official Full Name	melanocortin-2 receptor accessory protein 2
NCBI Official Synonym Full Names	melanocortin 2 receptor accessory protein 2
NCBI Official Symbol	MRAP2

NCBI Official Synonym Symbols	BMIQ18; C6orf117; bA51G5.2
NCBI Protein Information	melanocortin-2 receptor accessory protein 2
UniProt Protein Name	Melanocortin-2 receptor accessory protein 2
UniProt Gene Name	MRAP2
UniProt Synonym Gene Names	C6orf117; MC2R accessory protein 2
UniProt Entry Name	MRAP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrap2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230330>