

## Rabbit MRM1 Polyclonal Antibody | anti-MRM1 antibody

MRM1 antibody - C-terminal region

|                               |                       |                                                                             |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA198805</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

MRM1; Polyclonal Antibody; MRM1 antibody - C-terminal region; anti-MRM1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Protein A purified                                                                                                                                    |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: GT VGCPSTEDPQ SSEIPIMSCLEFLWERPTLL VLGNEGSGLS QEVQASCQ                                                   |
| Sequence Length                                | 155                                                                                                                                                   |
| Applicable Applications for anti-MRM1 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 86%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 91%; Rabbit: 100%; Rat: 100%                                                   |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human MRM1                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-MRM1 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


**IHC (Immunohistochemistry)**

Rabbit Anti-MRM1 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MRM1 antibody | <p>This is a rabbit polyclonal antibody against MRM1. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: MRM1 belongs to the RNA methyltransferase trmH family and probably methylates the ribose of guanosine G-2270 in the peptidyl transferase center of the mitochondrial large ribosomal RNA (21S)</p> |
| Product Categories/Family for anti-MRM1 antibody   | <b>Polyclonal</b> ; <b>RNA Binding Proteins</b> ; <b>Immunohistochemistry</b>                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 31417389                                |
| NCBI GeneID                      | 79922                                   |
| NCBI Accession #                 | AAH09416                                |
| NCBI GenBank Nucleotide #        | NM_024864                               |
| UniProt Accession #              | Q6IN84                                  |
| Molecular Weight                 | 18kDa                                   |
| NCBI Official Full Name          | MRM1 protein                            |
| NCBI Official Synonym Full Names | mitochondrial rRNA methyltransferase 1  |
| NCBI Official Symbol             | MRM1                                    |
| NCBI Protein Information         | rRNA methyltransferase 1, mitochondrial |
| UniProt Protein Name             | rRNA methyltransferase 1, mitochondrial |
| UniProt Gene Name                | <b>MRM1</b>                             |
| UniProt Entry Name               | MRM1_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/mrm1-antibody-western-blot-immunohistochemistry-elisa/198805>