

**Anti-CARM1 antibody (486-603) (STJ22890)**  
STJ22890

**GENERAL INFORMATION**

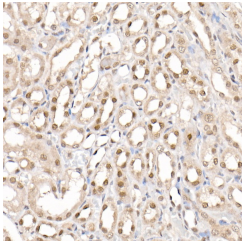
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

**PRODUCT PROPERTIES**

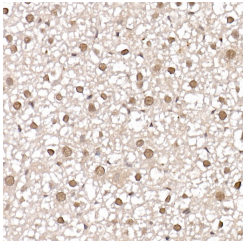
|                            |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                |
| <b>Clone ID</b>            |                                                                                                                                                                           |
| <b>Concentration</b>       | Lot specific                                                                                                                                                              |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                              |
| <b>Purification</b>        | Affinity purification                                                                                                                                                     |
| <b>Dilution Range</b>      | WB:1:100-1:500<br>IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                                                          |
| <b>Isotype</b>             | IgG                                                                                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                            |

**TARGET INFORMATION**

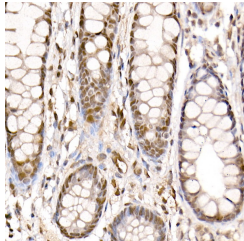
|                           |                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 10498                                                                                                                          |
| <b>Gene Symbol</b>        | CARM1                                                                                                                          |
| <b>Uniprot ID</b>         | CARM1_HUMAN                                                                                                                    |
| <b>Immunogen</b>          |                                                                                                                                |
| <b>Immunogen Region</b>   | 486-603                                                                                                                        |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 486-603 of human PRMT4/CARM1 (NP_954592.1).      |
| <b>Immunogen Sequence</b> | GSHTYSPSENMWNTGSTYNL SSGMAVAGMPTAYDLSSVIA SGSSVGHNNLIPLANTGIVN HTHSRMGSIMSTGIVQGSSG<br>AQSGGGGSTSAHYAVNSQFT MGGPAISMASPMISPTNT |



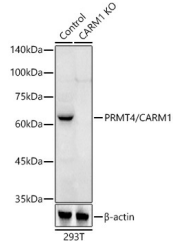
Immunohistochemistry analysis of paraffin-embedded rat kidney using [KO Validated] PRMT4/CARM1 Rabbit polyclonal antibody (STJ22890) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse liver using [KO Validated] PRMT4/CARM1 Rabbit polyclonal antibody (STJ22890) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon using [KO Validated] PRMT4/CARM1 Rabbit polyclonal antibody (STJ22890) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts from normal (control) and PRMT4/CARM1 knockout (KO) 293T cells, using PRMT4/CARM1 antibody (STJ22890) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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