

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

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

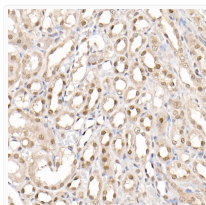
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 66kDa Observed Mw: 63kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

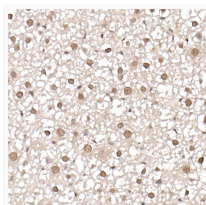
Gene ID	10498
Gene Symbol	CARM1
UniProt ID	CARM1_HUMAN
Immunogen Region	486-603
Immunogen Sequence	GSHYTSPSENMWNTGSTYNL SSGMAVAGMPTAYDLSSVIA SGSSVGHNNLIPLANTGIVN HTHSRMGSIMSTGIVQGSSG AQGSGGGSTSAHYAVNSQFT MGGPAISMASPMISPTNT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 486-603 of human PRMT4/CARM1 (NP_954592.1).

ADDITIONAL INFORMATION

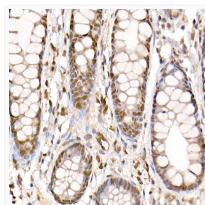
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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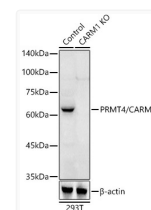
Immunohistochemistry analysis of paraffin-embedded rat kidney using [KO Validated] PRMT4/CARM1 Rabbit polyclonal antibody (STJ22890) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



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 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.