

Pan-Symmetric Di-Methyl Arginine Motif Rabbit mAb

Catalog NO.: A20794 **Recombinant** **1 Publications**

Basic Information

Observed MW

10-180kDa

Calculated MW

Category

Methylated Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range Predicted)

Conjugation

Unconjugated

Clone number

ARC51197

Background

Symmetric Dimethylarginine is a dimethylated derivative of L-arginine where the two methyl groups are attached to arginine in a symmetrical configuration. Symmetric dimethylarginine (SDMA) is formed when S-adenosylmethionine protein N-methyltransferases transfer one methyl group from S-adenosylmethionine to each of the two guanidine nitrogen groups of a single arginine residue in a protein. SDMA is released when the protein is degraded. SDMA doesn't bind nitric oxide synthase (NOS) but may noncompetitively inhibit nitric oxide (NO) synthesis by reducing L-arginine availability; it also may play a role in the modulation of cardiovascular homeostasis and renal function.

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

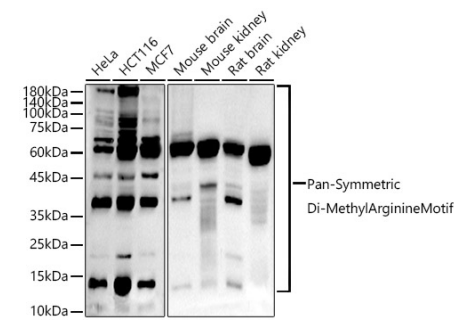
Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Western blot analysis of various lysates using Pan-Symmetric Di-Methyl Arginine Motif Rabbit mAb (A20794) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180 s.

