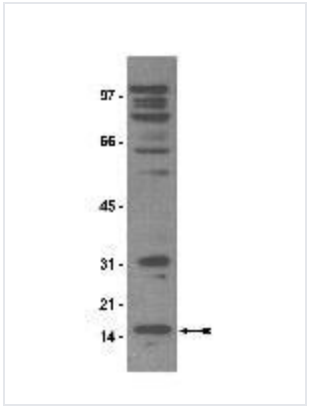
Arginine Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Arginine, Polyclonal Antibody
Full Product Name	Arginine, symmetric, dimethyl (SYM11) (Biotin)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes SmD3 at ~16kD, and other proteins that contain arginines that are symmetrically dimethylated. Specificity of symmetrically dimethylated arginine was determined by ELISA with unmodified and symmetrically dimethylarginine containing peptides. Species Crossreactivity: human and mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	16
Immunogen	Synthetic peptide corresponding to aa99-119, KAAILLAQVAAR*GR*GR*GMGR*G (which R* denotes symmetric dimethylation of arginine) of small nuclear ribonucleoprotein SmD3, conjugated to KLH.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-Arginine antibody	Antibodies; Amino Acids
Applications Tested/Suitable for anti-Arginine antibody	Western Blot (WB)
Application Notes for anti-Arginine antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-Arginine antibody	Arginine methylation is a post-translational modification that results in the formation of asymmetrical and symmetrical dimethylated arginines (a-and sDMA).
Product References and Citations for anti-Arginine antibody	1. Boisvert, F.M., et al., J. Cell. Biol. 159: 957-969, 2002.
Other Notes	Small volumes of anti-Arginine antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Arginine purchase	MBS6463936 is an antibody targeting Arginine. Also known as Arginine, symmetric, dimethyl (SYM11) (Biotin). Reactive in Human, Mouse. Host: Rabbit.



Testing Data of anti-Arginine antibody
Jurkat cell lysate was resolved by electrophoresis, transferred to nitrocellulose and probed with MBS616484 (2ug/ml). Proteins were visualized using an Ig (HRP) goat anti-rabbit secondary antibody and a chemiluminescence detection system. Arrow indicates SmD3 (16kD).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Arginine. It may not necessarily be applicable to this product.

Protein Family	Arginine ABC transporter permease protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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