

Anti-MYSM1 Antibody

Catalog Number: A06500-3

About MYSM1

MYSM1, also named as KIAA1915, belongs to the peptidase M67A family and MYSM1 subfamily. MYSM1 is a metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. MYSM1 acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. It catalyzes the reaction: Ubiquitin C-terminal thioester + H₂O = ubiquitin + a thiol. MYSM1 is a marker of cancer. The antibody is specific to MYSM1.

Overview

Product Name	Anti-MYSM1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MYSM1 Antibody catalog # A06500-3. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5VVJ2

Technical Details

Immunogen	Peptide
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

ImmunoPrecipitation, 1:250-300
ELISA, 1:100-1000

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-MYSM1 Antibody

For Research Use Only. Not for use in diagnostic procedures.