

Anti-Phospho-HDAC5 (S498) Antibody

Catalog Number: P01230

About HDAC5

Histone deacetylase 5, also called HDAC5 or KIAA0600, is an enzyme that in humans is encoded by the HDAC5 gene. The protein encoded by this gene belongs to the class II histone deacetylase/acuc/apha family. This gene is mapped to 17q21.31. Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. It coimmunoprecipitates only with HDAC3 family member and might form multicomplex proteins. It also interacts with myocyte enhancer factor-2(MEF2) proteins, resulting in repression of MEF2-dependent genes. This gene is thought to be associated with colon cancer.

Overview

Product Name	Anti-Phospho-HDAC5 (S498) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-HDAC5 (S498) Antibody catalog # P01230. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	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 at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UQL6

Technical Details

Immunogen	A synthesized peptide derived from human HDAC5 around the phosphorylation site of Ser498.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-200
Immunocytochemistry/Immunofluorescence, 1:50-200

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-Phospho-HDAC5 (S498) Antibody

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