

Product Datasheet

Histone H3 [p Ser28] Antibody (117C826) - BSA Free NB100-56595

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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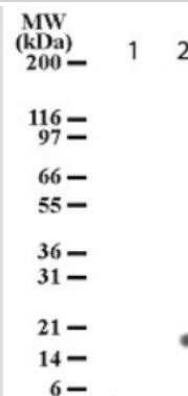
NB100-56595

Histone H3 [p Ser28] Antibody (117C826) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	117C826
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	15 kDa
Product Description	
Host	Mouse
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Fish
Reactivity Notes	Predicted to react with most Mammals and Invertebrates. Fish reactivity reported in scientific literature (PMID: 22279221).
Immunogen	This Histone H3 [p Ser28] antibody (117C826) was raised against a synthetic peptide containing phospho serine at position 28 CARKS*APATGGVKK of human Histone H3. The immunogen sequence is conserved across mammalian and invertebrates, as well as plants.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:500. Use reported in scientific literature (PMID 22279221), Immunohistochemistry-Paraffin reported in scientific literature (PMID 35897708)
Application Notes	In anti-Fas mAb treated Jurkat, an 18 kDa band is observed using Histone H3 [p Ser28] antibody (117C826). Not recommended for Immunohistochemistry-Paraffin.

Images

Western Blot: Histone H3 [p Ser28] Antibody (117C826) [NB100-56595]
 - Analysis using Azide and BSA Free version of NB100-56595. Histone H3 phospho (Ser28) in (1) untreated, and (2) Fas antibody treated Jurkat lysate using Histone H3 phospho antibody at 2 ug/ml. Observed molecular weight is ~17 kDa



Publications

Montes-Mojarro IA, Hassas S, Staehle S et al. Multiparametric Classification of Non-Muscle Invasive Papillary Urothelial Neoplasms: Combining Morphological, Phenotypical, and Molecular Features for Improved Risk Stratification International journal of molecular sciences 2022-07-23 [PMID: 35897708] (IHC-P, Human)

Coffin AB, Mohr RA, Sisneros JA. Saccular-specific hair cell addition correlates with reproductive state-dependent changes in the auditory saccular sensitivity of a vocal fish. J Neurosci. 2012-01-25 [PMID: 22279221] (ICC/IF, Fish)

Details:

Histone H3 (Ser28)/PHH3 (IMG-371). IF/ICC: Fish epithelial cells, data described but not shown.



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Products Related to NB100-56595

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-56595B	Histone H3 [p Ser28] Antibody (117C826) [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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