

Product Datasheet

ZMYM3 Antibody (C.15200016) - BSA Free NBP2-59244

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-59244

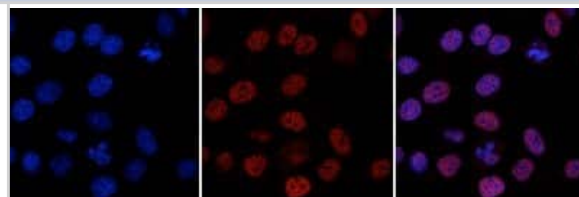
ZMYM3 Antibody (C.15200016) - BSA Free

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C.15200016
Preservative	0.05% Sodium Azide and 0.05% ProClin 300
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Monoclonal antibody raised in mouse against human ZMYM3 (Zinc Finger, MYM-Type 3), using the full length recombinant protein.
Host	Mouse
Gene ID	9203
Gene Symbol	ZMYM3
Species	Human
Immunogen	The exact immunogen is proprietary information.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Protein Array, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:1000, Protein Array 1:100000, Chromatin Immunoprecipitation (ChIP) 1-2 ug, Chromatin Immunoprecipitation Sequencing 1 - 2 ug/ChIP

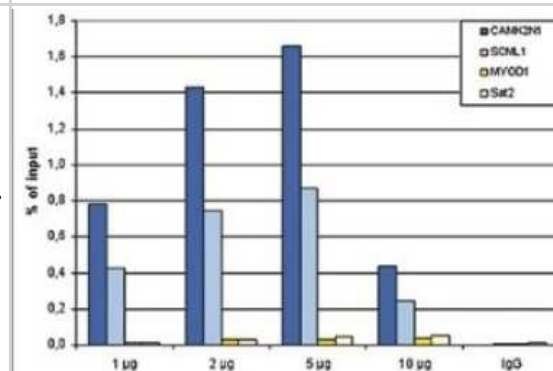


Images

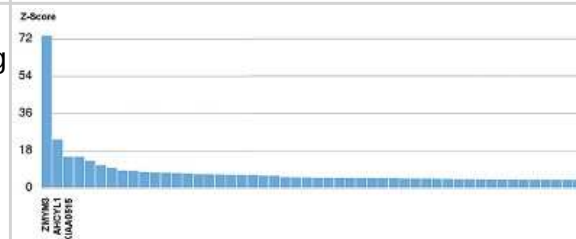
Immunocytochemistry/Immunofluorescence: ZMYM3 Antibody (C.15200016) [NBP2-59244] - HeLa cells were stained with the antibody against ZMYM3 and with DAPI. Cells were fixed with 4% formaldehyde for 10 minutes and blocked with PBS/Triton X-100 containing 1% BSA. The cells were immunofluorescently labeled with the ZMYM3 antibody (middle) diluted 1:1.000 in blocking solution followed by an anti-mouse antibody conjugated to Alexa Fluor 594. The left panel shows staining of the nuclei with DAPI. A merge of the two stainings is shown on the right.



Chromatin Immunoprecipitation: ZMYM3 Antibody (C.15200016) [NBP2-59244] - ChIP was performed using HepG2 cells, the antibody against ZMYM3 and optimized PCR primer sets for qPCR. ChIP was performed with a ChIP-seq kit, using sheared chromatin from 4 million cells. A titration of the antibody consisting of 1, 2, 5 and 10 µg per ChIP experiment was analyzed. IgG (2 µg/IP) was used as negative IP control. Quantitative PCR was performed with primers near the CAMK2N1 and SCML1 promoters, used as positive controls, and for the MYOD1 gene and the Sat2 satellite repeat, used as negative controls. Figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



Protein Array: ZMYM3 Antibody (C.15200016) [NBP2-59244] - Protein array analysis with the antibody against ZMYM3 was demonstrated using the HuProt human protein microarray (CDI Laboratories), a protein array containing more than 19,000 human proteins. The antibody was used at a dilution of 1:100,000. Figure shows the Z-score of the signal intensity (mean value of the duplicate spots on the array). The names of the proteins with 3 highest Z-scores are indicated at the bottom. This figure clearly shows the high specificity of the antibody for ZMYM3.





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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00009203-P01-10ug	Recombinant Human ZMYM3 GST (N-Term) Protein

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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