

Product Datasheet

SOX6 Antibody NBP2-20458

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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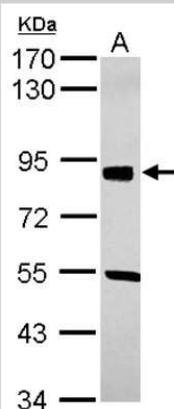
NBP2-20458

SOX6 Antibody

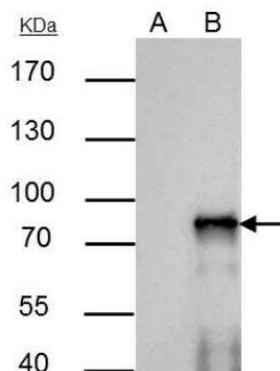
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	92 kDa
Product Description	
Description	Novus Biologicals Rabbit SOX6 Antibody (NBP2-20458) is a polyclonal antibody validated for use in WB and IP. Anti-SOX6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55553
Gene Symbol	SOX6
Species	Human
Immunogen	Full length human SOX6 Recombinant protein.
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunoprecipitation 1:100-1:500

Images

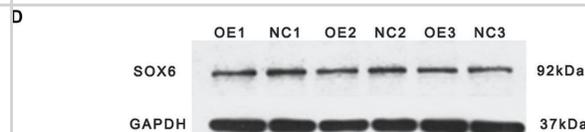
Western Blot: SOX6 Antibody [NBP2-20458] - Sample (30 ug of whole cell lysate) A: U87-MG 7. 5% SDS PAGE gel, diluted at 1:1000.



Immunoprecipitation: SOX6 Antibody [NBP2-20458] - IP samples: HeLa whole cell extract A. Control with 5 ug of preimmune Rabbit IgG B. Immunoprecipitation of SOX6 protein by 5 ug SOX6 antibody [N1C3] 7.5 % SDS-PAGE. The immunoprecipitated SOX6 protein was detected by SOX6 antibody [N1C3] diluted at 1:500. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Validation of targeted binding relationship between miR-499-5p and target genes. (A) The relative expression levels of SOX6, PPP3CB, and FNIP1 in miR-499-5p overexpressing CPMs and negative control by qRT-PCR; (B) Results of luciferase reporter assay for SOX6 and miR-499-5p; miR-499-5p binding site mutant and wildtype vector of SOX6's 3'UTR were used. (C) Results of the luciferase reporter as say for PPP3CB/miR-499-5p and FNIP1/miR-499-5p; only wildtype vectors were used. All results are shown as mean +/- SD. **p < 0.01 and *p < 0.05 as compared with control. (D) The protein levels of SOX6 in miR-499-5p overexpressing CPMs and negative control by western bolting. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36186474>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Liu YF, Zhang M, Shan YJ et al. Transcriptome sequencing analysis of the role of miR-499-5p and SOX6 in chicken skeletal myofiber specification *Frontiers in Genetics* 2022-09-15 [PMID: 36186474] (Western Blot)



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Products Related to NBP2-20458

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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