

Product Datasheet

SIX1 Antibody (CL0185) - BSA Free NBP2-52873

Unit Size: 0.1 ml

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

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NBP2-52873

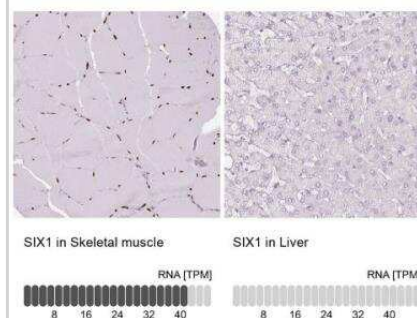
SIX1 Antibody (CL0185) - BSA Free

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0185
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse SIX1 Antibody (CL0185) - BSA Free (NBP2-52873) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SIX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6495
Gene Symbol	SIX1
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from Q15475, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

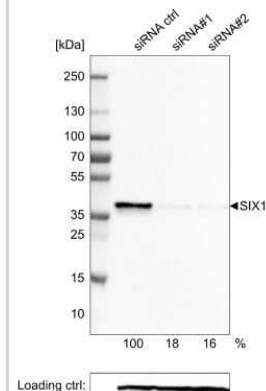


Images

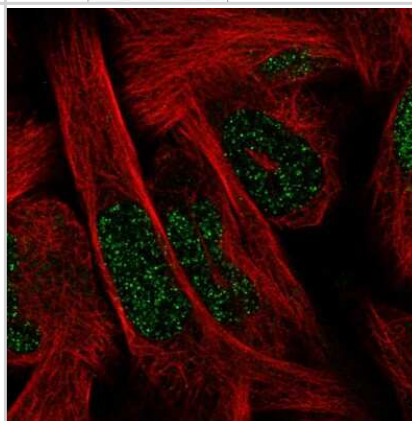
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Analysis in human skeletal muscle and liver tissues using NBP2-52873 antibody. Corresponding SIX1 RNA-seq data are presented for the same tissues.



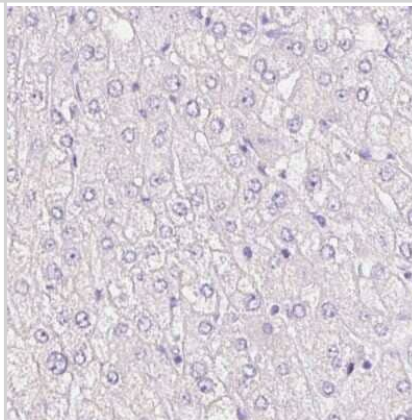
Western Blot: SIX1 Antibody (CL0185) [NBP2-52873] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATAD2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



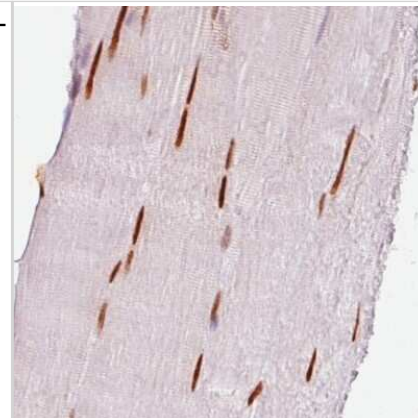
Immunocytochemistry/Immunofluorescence: SIX1 Antibody (CL0185) [NBP2-52873] - Staining in RH30 cell line with Anti-SIX1 monoclonal antibody, showing spotty nuclear staining in green. Microtubule probes are visualized in red (where available). Antibody staining is shown in green.



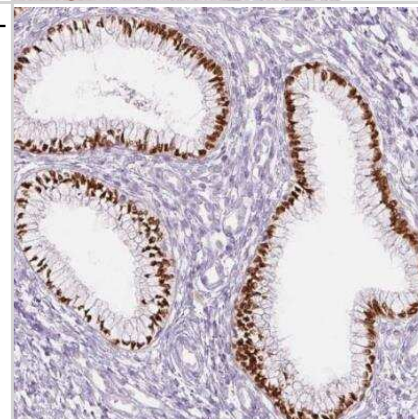
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human liver shows absence of immunoreactivity.



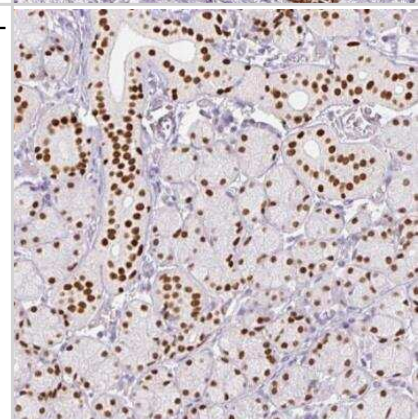
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human striated muscle shows strong nuclear immunoreactivity in the myocytes.



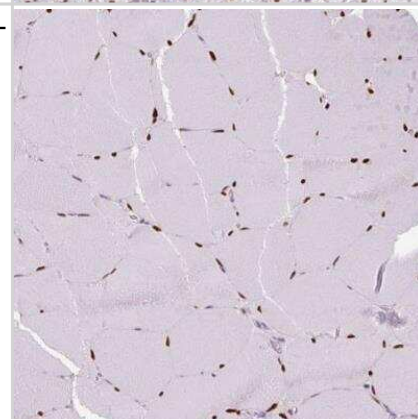
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human endocervix shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human salivary gland shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



Publications

Jaime OG, Arias J, Pavani S et al. SIX1+PAX3+ identify a progenitor for myogenic lineage commitment from hPSCs Development (Cambridge, England) 2023-06-27 [PMID: 37366057] (IHC, ICC/IF, Human)



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Products Related to NBP2-52873

NBP2-52873PEP	SIX1 Recombinant Protein Antigen
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)

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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