

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

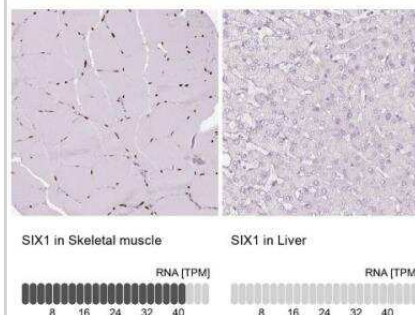
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | |
|---------------------|--|
| 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. |

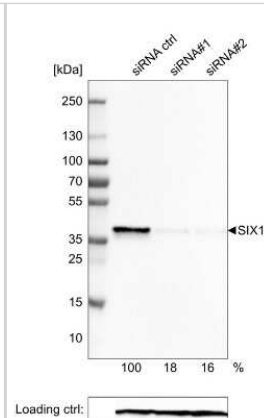
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ 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

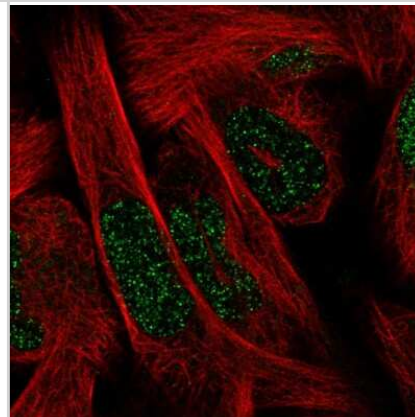
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Analysis in human skeletal muscle and liver tissues using NBP2-52873 antibody. Corresponding SIX1 RNA-seq data are presented for the same tissues.



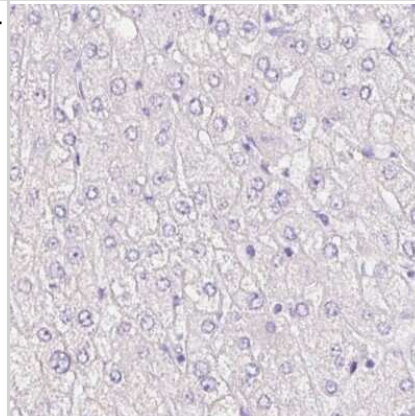
Western Blot: SIX1 Antibody (CL0185) [NBP2-52873] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATAD2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



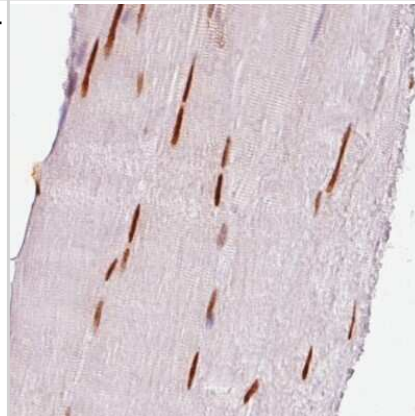
Immunocytochemistry/Immunofluorescence: SIX1 Antibody (CL0185) [NBP2-52873] - Staining in RH30 cell line with Anti-SIX1 monoclonal antibody, showing spotty nuclear staining in green. Microtubule probes are visualized in red (where available). Antibody staining is shown in green.



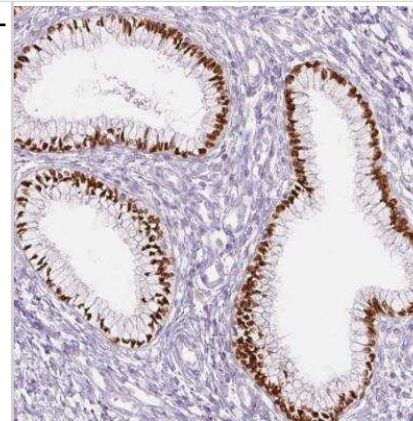
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human liver shows absence of immunoreactivity.



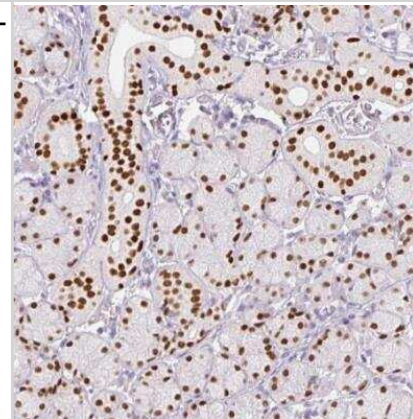
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human striated muscle shows strong nuclear immunoreactivity in the myocytes.



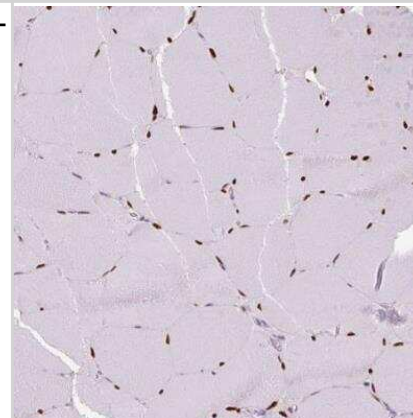
Immunohistochemistry-Paraffin: SIX1 Antibody (CL0185) [NBP2-52873] - Staining of human endocervix shows strong nuclear positivity in glandular cells.



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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