

Product Datasheet

Pax7 Antibody (PAX7/497)

NBP2-32894-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32894-0.1mg

Pax7 Antibody (PAX7/497)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | PAX7/497 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 57 kDa |

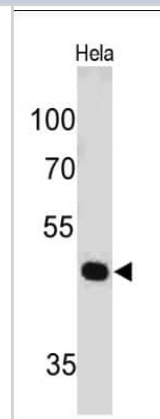
| Product Description | |
|---------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34706) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 5081 |
| Gene Symbol | PAX7 |
| Species | Human, Mouse, Rat, Chicken, Zebrafish |
| Marker | Rhabdomyosarcoma Marker |
| Immunogen | Recombinant fragment (aa301-505) of human Pax7 protein (exact sequence is proprietary) (Uniprot: P23759) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Frozen |
| Application Notes | Use in IHC-Fr reported in scientific literature PMID: (32353175). Optimal dilution for a specific application should be determined. |



Images

Western Blot: Pax7 Antibody (PAX7/497) [NBP2-32894] - Western Blot of HeLa cell lysate using Pax7 Antibody (PAX7/497).



Publications

Ngan C, Quigley A, O'Connell C et al. 3D Bioprinting and Differentiation of Primary Skeletal Muscle Progenitor Cells Methods Mol Biol 2020-03-25 [PMID: 32207116]

Details:

Citation using the Azide and BSA Free format of this antibody.

Guo S, Wang Y, Wang A Identity and lineage fate of proteolipid protein 1 gene (Plp1)-expressing cells in the embryonic murine spinal cord Dev. Dyn. 2020-04-30 [PMID: 32353175] (IHC-Fr, Mouse)

Suparamaniam U A Stimuli-responsive Platform for Muscle Stem Cell Culture Thesis (Flow) Stimuli-responsive Platform for Muscle Stem Cell Culture. Thesis 2019-01-01 (FLOW)

Details:

Citation using the Azide and BSA Free version of this antibody.

Ribeiro AF, Souza LS, Almeida CF et al Muscle satellite cells and impaired late stage regeneration in different murine models for muscular dystrophies. Sci Rep. 2019-08-14 [PMID: 31413358] (WB, Mouse)

Details:

Citation using the Azide and BSA Free version of this antibody.

Cui W, Liu CX, Wang J et al. An oleanolic acid derivative reduces denervation-induced muscle atrophy via activation of CNTF-mediated JAK2/STAT3 signaling pathway Eur. J. Pharmacol. 2019-08-14 [PMID: 31421088] (ICC/IF, WB, Mouse)

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Products Related to NBP2-32894-0.1mg

| | |
|--------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| H00005081-Q01-10ug | Recombinant Human Pax7 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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