

# Product Datasheet

## Pax7 Antibody (PAX7/497)

**NBP2-32894-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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### Publications: 5

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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

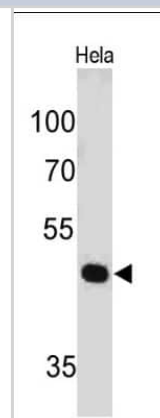
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34706)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 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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