

# Product Datasheet

## Pax6 Antibody (PAX6/498)

### NBP2-32893-0.1mg

Unit Size: 0.1 mg

Store at 4C.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 5

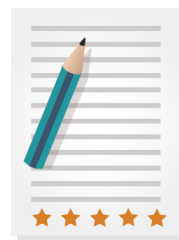
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**NBP2-32893-0.1mg**

Pax6 Antibody (PAX6/498)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	PAX6/498
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	47 kDa

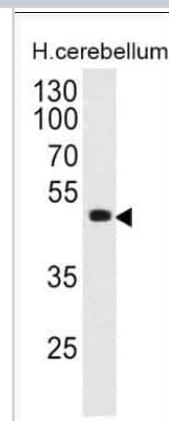
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34705)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	5080
Gene Symbol	PAX6
Species	Human, Mouse, Rat, Chicken
Marker	Stem Cell Marker
Immunogen	Recombinant fragment (N-terminus; aa 1-300) of human PAX6 protein

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 0.5-1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Flow (Intracellular)
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID: 31208718). Optimal dilution for a specific application should be determined.



## Images

Western Blot: Pax6 Antibody (PAX6/498) [NBP2-32893] - Analysis of PAX6 in human cerebellum lysate.



## Publications

Miller KE, Rivaldi AC, Shinagawa N et al. Post-zygotic rescue of meiotic errors causes brain mosaicism and focal epilepsy *Nature genetics* 2023-10-23 [PMID: 37872450]

Jermakowicz AM, Rybin MJ, Suter RK Et al. The novel BET inhibitor UM-002 reduces glioblastoma cell proliferation and invasion *Sci Rep* 2021-12-04 [PMID: 34862404] (Mouse)

Details:

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

Pai B, Tome-Garcia J, Cheng WS Et al. High-resolution transcriptomics informs glial pathology in human temporal lobe epilepsy *Acta Neuropathol Commun* 2022-10-24 [PMID: 36274170] (Human)

Details:

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

Kristiansen CK, Chen A, Hoyland LE Et al. Comparing the mitochondrial signatures in ESCs and iPSCs and their neural derivations *Cell Cycle* 2022-07-11 [PMID: 35815665]

Details:

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

Poulin H, Martineau L, Racine V, et al. Differentiation of lymphoblastoid-derived iPSCs into functional cardiomyocytes, neurons and myoblasts *Biochem. Biophys. Res. Commun.* 2019-06-14 [PMID: 31208718] (IF/IHC, Human)



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### **Products Related to NBP2-32893-0.1mg**

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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)
H00005080-P01-10ug	Recombinant Human Pax6 GST (N-Term) Protein

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### **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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