

# Product Datasheet

## Aldolase C Antibody - BSA Free NBP1-90954

Unit Size: 0.1 ml

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

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



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### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-90954**

Aldolase C Antibody - BSA Free

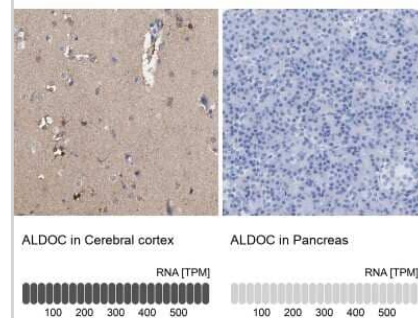
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	230
Gene Symbol	ALDOC
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25322816).
Marker	pan-Astrocyte Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MPHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMARLSQIGVENTEE NRRLYRQVLFSADDRVKKCIGGVI

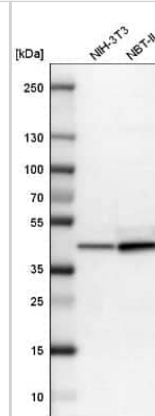
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

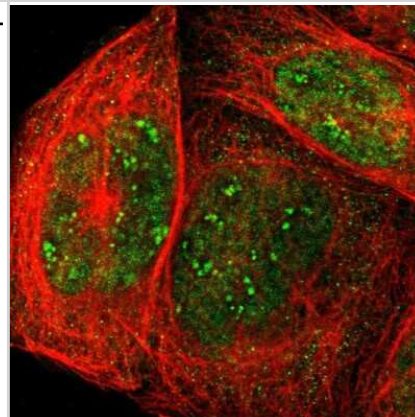
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Analysis in human cerebral cortex and pancreas tissues. Corresponding ALDOC RNA-seq data are presented for the same tissues.



Western Blot: Aldolase C Antibody [NBP1-90954] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



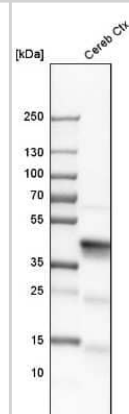
Immunocytochemistry/Immunofluorescence: Aldolase C Antibody [NBP1-90954] - Staining of human cell line A-431 shows localization to nucleus, nucleoli fibrillar center & cytosol. Antibody staining is shown in green.



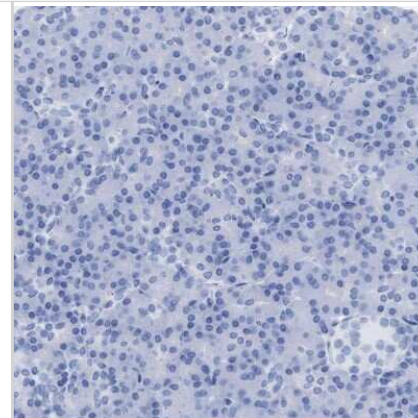
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human cerebral cortex shows strong cytoplasmic positivity in a subset of glial cells.



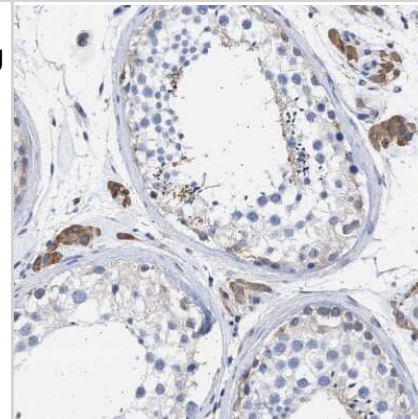
Western Blot: Aldolase C Antibody [NBP1-90954] - Analysis in human cerebral cortex tissue.



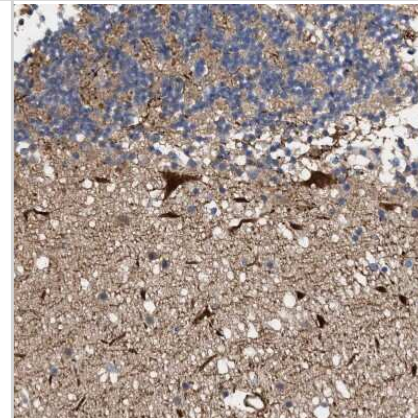
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.



Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



## Publications

Fack F, Espedal H, Keunen O et al. Bevacizumab treatment induces metabolic adaptation toward anaerobic metabolism in glioblastomas. Acta Neuropathol 2015-01-01 [PMID: 25322816] (WB, Human)



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### **Products Related to NBP1-90954**

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NBP1-90954PEP	Aldolase C Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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