

# 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.

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**NBP1-90954**

Aldolase C Antibody - BSA Free

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

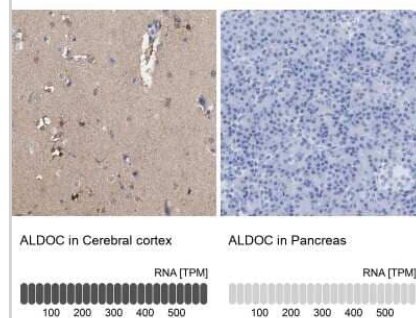
Product Description	
<b>Description</b>	Novus Biologicals Rabbit Aldolase C Antibody - BSA Free (NBP1-90954) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aldolase C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	230
<b>Gene Symbol</b>	ALDOC
<b>Species</b>	Human, Mouse, Rat
<b>Marker</b>	pan-Astrocyte Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MPHSPALSAEQKKELSDIALRIVAPGKGILAADESVGSMARKLSQIGVENTEE NRRLYRQVLFSADDRVKKCIGGVI

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

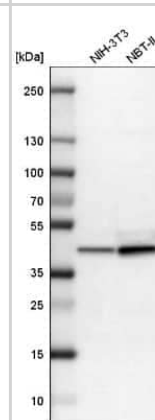


## Images

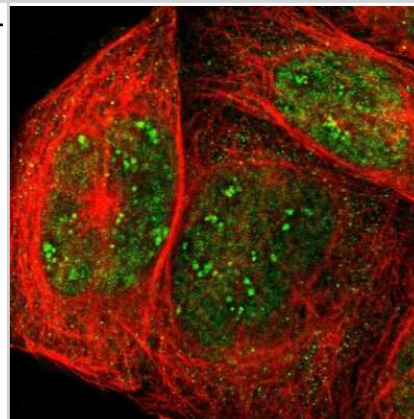
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Analysis in human cerebral cortex and pancreas tissues. Corresponding ALDOC RNA-seq data are presented for the same tissues.



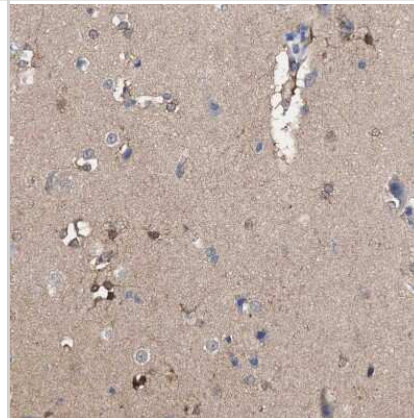
Western Blot: Aldolase C Antibody [NBP1-90954] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



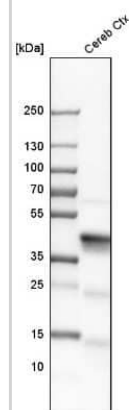
Immunocytochemistry/Immunofluorescence: Aldolase C Antibody [NBP1-90954] - Staining of human cell line A-431 shows localization to nucleus, nucleoli fibrillar center & cytosol. Antibody staining is shown in green.



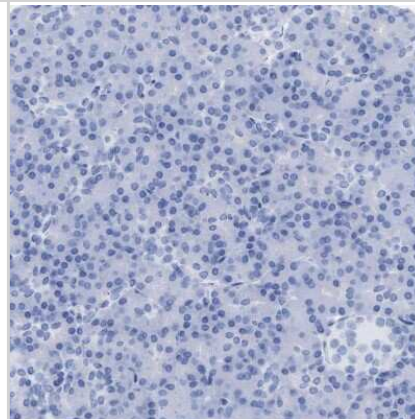
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human cerebral cortex shows strong cytoplasmic positivity in a subset of glial cells.



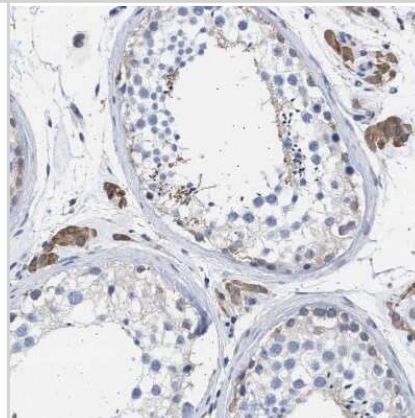
Western Blot: Aldolase C Antibody [NBP1-90954] - Analysis in human cerebral cortex tissue.



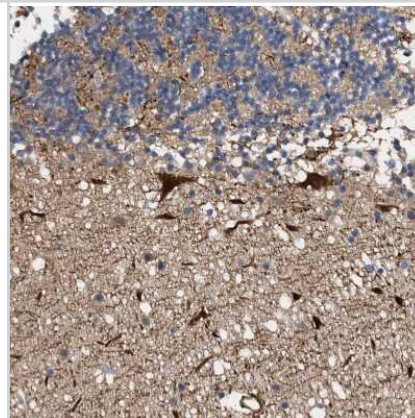
Immunohistochemistry-Paraffin: Aldolase C Antibody [NBP1-90954] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



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
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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