

# Product Datasheet

## Aldolase B Antibody - BSA Free NBP1-87494

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: 2

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**NBP1-87494**

Aldolase B Antibody - BSA Free

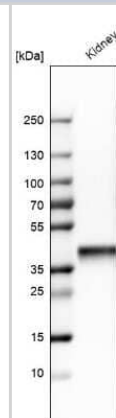
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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 B Antibody - BSA Free (NBP1-87494) is a polyclonal antibody validated for use in IHC and WB. Anti-Aldolase B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	229
<b>Gene Symbol</b>	ALDOB
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 21307348).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KPNMVTAGHACTKKYTPEQVAMATVTALHRTVPAAVPGICFLSGGMSEEDATL NLNAINLCPLPKPWKLSFSYGRALQASALAAWGGKAANKEATQEAFMKRAMA NCQAAKGQYVHTGSSGAA

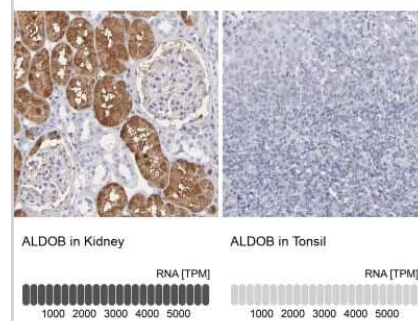
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

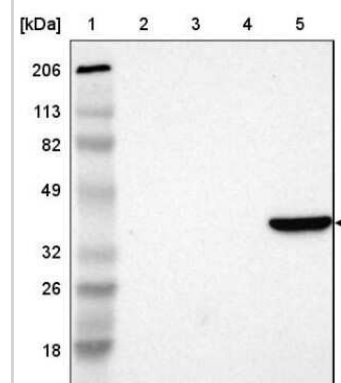
Western Blot: Aldolase B Antibody [NBP1-87494] - Analysis in human kidney tissue.



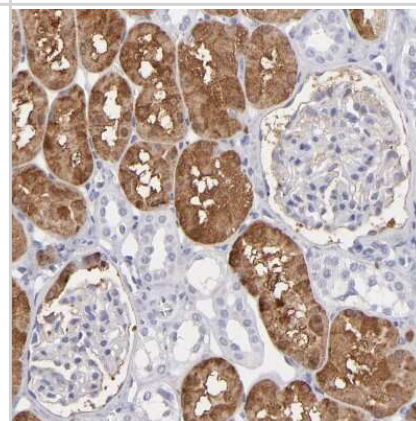
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining in human kidney and tonsil tissues . Corresponding ALDOB RNA-seq data are presented for the same tissues.



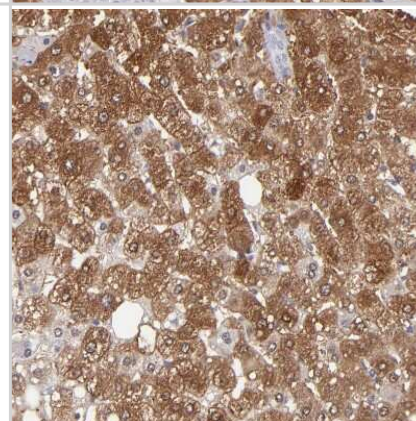
Western Blot: Aldolase B Antibody [NBP1-87494] - Lane 1: Marker [kDa] 206, 113, 82, 49, 32, 26, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431 Lane 5: Human liver tissue



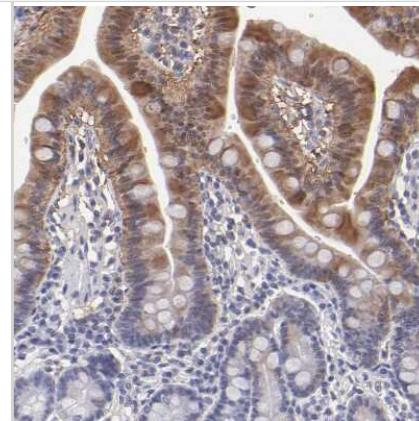
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human kidney shows moderate cytoplasmic positivity in cells in proximal tubules.



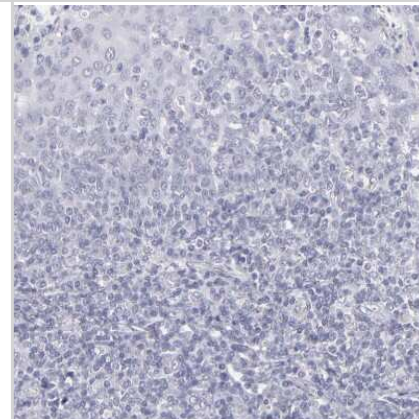
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human tonsil shows no positivity in lymphoid cells as expected.



## Publications

Kampf C, Mardinoglu A, Fagerberg L et al. The human liver-specific proteome defined by transcriptomics and antibody-based profiling. *FASEB J* 2014-07-01 [PMID: 24648543]

Merkulova M, Hurtado-Lorenzo A, Hosokawa H et al. Aldolase directly interacts with ARNO and modulates cell morphology and acidic vesicle distribution. *Am J Physiol Cell Physiol* 2011-06-01 [PMID: 21307348]



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### Products Related to NBP1-87494

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NBP1-87494PEP	Aldolase B 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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