

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.

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NBP1-87494

Aldolase B 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

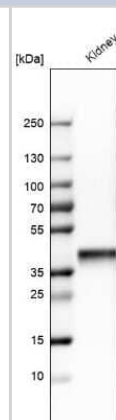
Host	Rabbit
Gene ID	229
Gene Symbol	ALDOB
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 21307348).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KPNMVTAGHACTKKYTPEQVAMATVTALHRTVPAAVPGICFLSGGMSEEDATL NLNAINLCPLPKPWKLSFSYGRALQASALAAWGGKAANKEATQEAFMKRAMA NCQAAKGQYVHTGSSGAA

Product Application Details

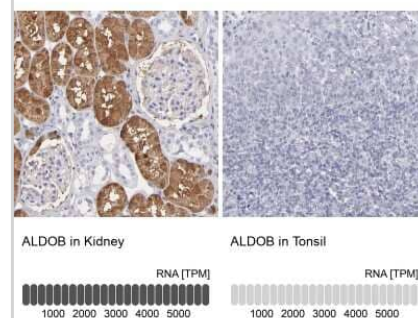
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

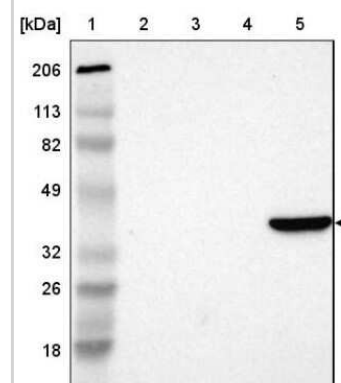
Western Blot: Aldolase B Antibody [NBP1-87494] - Analysis in human kidney tissue.



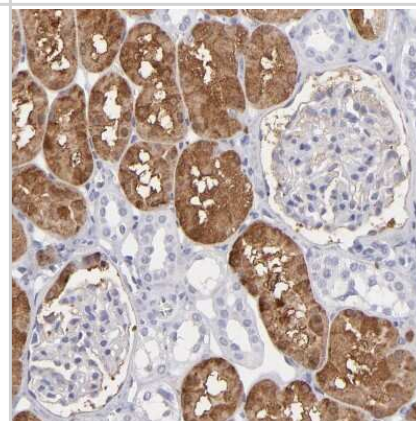
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining in human kidney and tonsil tissues . Corresponding ALDOB RNA-seq data are presented for the same tissues.



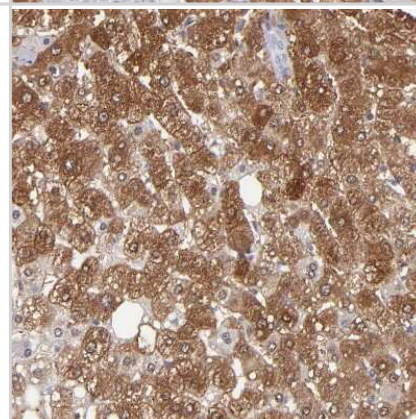
Western Blot: Aldolase B Antibody [NBP1-87494] - Lane 1: Marker [kDa] 206, 113, 82, 49, 32, 26, 18. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human cell line A-431 Lane 5: Human liver tissue



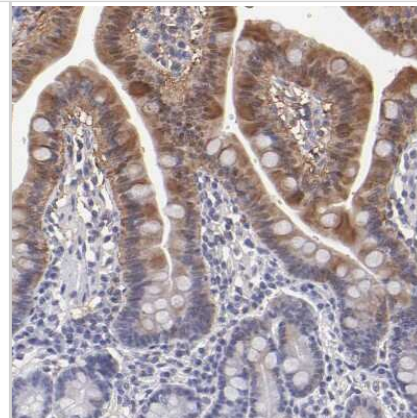
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human kidney shows moderate cytoplasmic positivity in cells in proximal tubules.



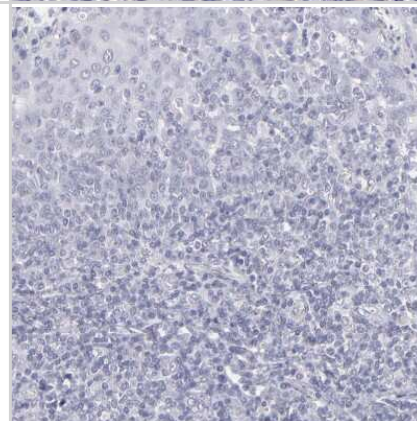
Immunohistochemistry-Paraffin: Aldolase B Antibody [NBP1-87494] - Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



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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Limitations

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