

Product Datasheet

Aldolase A Antibody - BSA Free

NBP1-87488

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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Publications: 5

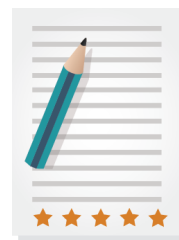
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NBP1-87488

Aldolase A 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

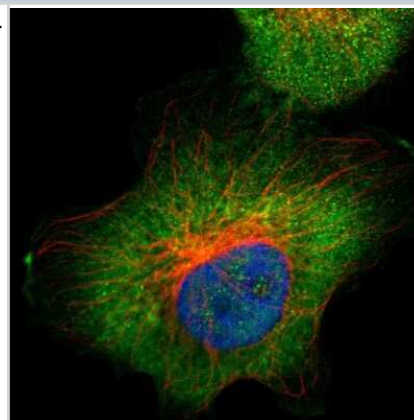
Description	Novus Biologicals Rabbit Aldolase A Antibody - BSA Free (NBP1-87488) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aldolase A Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	226
Gene Symbol	ALDOA
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IVAPGKGILAADESTGSIKRLQSIGTENTENRRFYRQLLLTADDRVNPCIGGVI LFHETLYQKADDGRFPQVIKSKGGVVGKVDKGVVPLAGTNGETTTQGL

Product Application Details

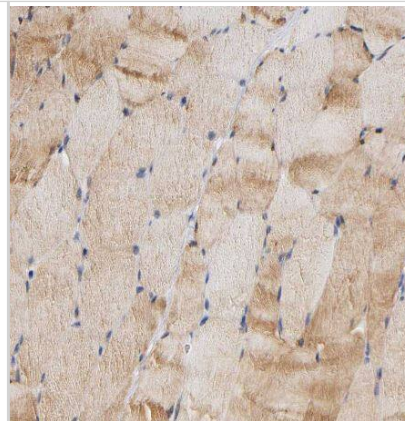
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

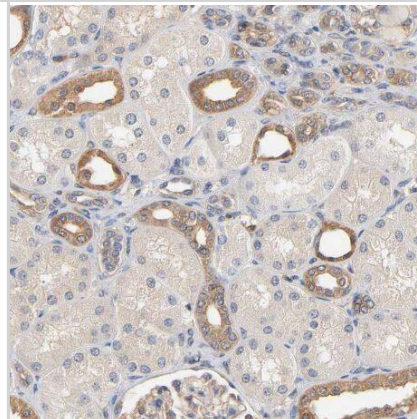
Immunocytochemistry/Immunofluorescence: Aldolase A Antibody [NBP1-87488] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



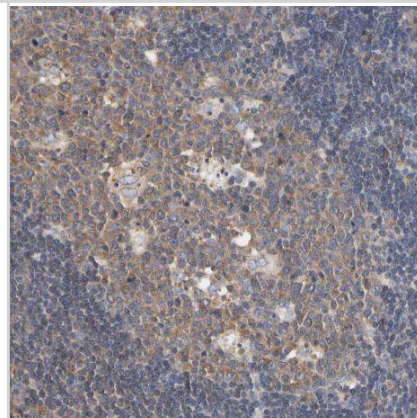
Aldolase A Antibody [NBP1-87488] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



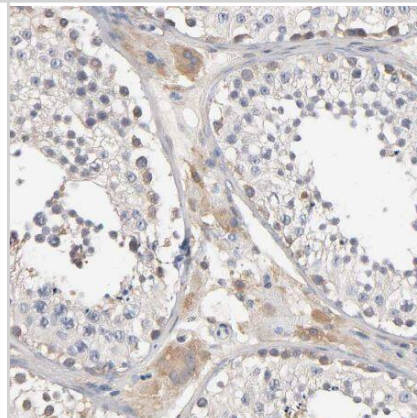
Aldolase A Antibody [NBP1-87488] -Staining of human kidney shows moderate cytoplasmic positivity in cells in distal tubules.



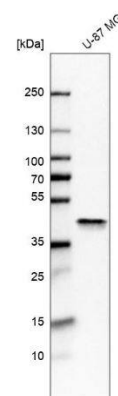
Aldolase A Antibody [NBP1-87488] -Staining of human lymph node shows moderate cytoplasmic positivity in germinal center cells.



Aldolase A Antibody [NBP1-87488] -Staining of human testis shows weak cytoplasmic positivity in Leydig cells.



Aldolase A Antibody [NBP1-87488] -Analysis in human cell line U-87 MG.



Publications

Monterisi S, Michl J, Hulikova A et al. Solute exchange through gap junctions lessens the adverse effects of inactivating mutations in metabolite-handling genes eLife 2022-09-15 [PMID: 36107487] (WB, Human)

Rossi M, Altea-Manzano P, Demicco M et al. PHGDH heterogeneity potentiates cancer cell dissemination and metastasis Nature 2022-05-01 [PMID: 35585241] (WB)

Morisaki T, Yashiro M, Kakehashi A, et al. Comparative Proteomics Analysis of Gastric Cancer Stem Cells PLoS One. 2014-11-07 [PMID: 25379943] (IF/IHC, WB, Human)

Details:

Chorein/VPS13A antibody used for IHC- P at 1:500 dilution on gastric cancer tissue specimens - antigen retrieval for 10 minutes at 105C by autoclave in Target Retrieval Solution, endogenous peroxidase blocked with 3%H₂O₂, On/4C incubation for primary, streptavidin-peroxidase-DAB detection (Figure 3).

Kjellin H, Johansson H, Hoog A et al. Differentially Expressed Proteins in Malignant and Benign Adrenocortical Tumors. PLoS One 2014-01-01 [PMID: 24498411]

Du S, Guan Z, Hao L et al. Fructose-Bisphosphate Aldolase A Is a Potential Metastasis-Associated Marker of Lung Squamous Cell Carcinoma and Promotes Lung Cell Tumorigenesis and Migration. PLoS One 2014-01-01 [PMID: 24465716]



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Products Related to NBP1-87488

NBP1-87488PEP	Aldolase A 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

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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