

Product Datasheet

Ketohexokinase Antibody - BSA Free NBP1-85790

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: 3

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Updated 9/9/2025 v.20.1

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NBP1-85790

Ketohehexokinase 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

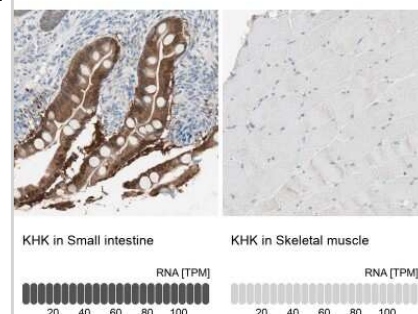
Description	Novus Biologicals Rabbit Ketohehexokinase Antibody - BSA Free (NBP1-85790) is a polyclonal antibody validated for use in IHC and WB. Anti-Ketohehexokinase Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3795
Gene Symbol	KHK
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22371574)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YGDVVFVSKDVAKHLGFQSAEEALRGLYGRVRKGAVLVCAWAEEGADALGPD GKLLHSDAFPPPRVVDTLGAGDTFNASVIFSLSQGRSVQEALRFGCQV

Product Application Details

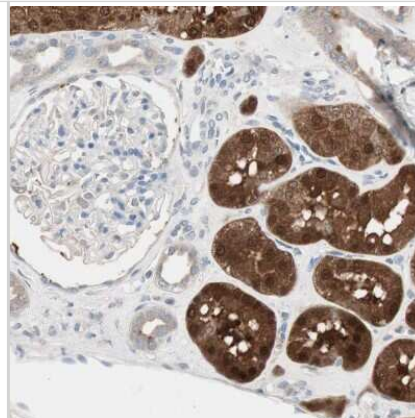
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

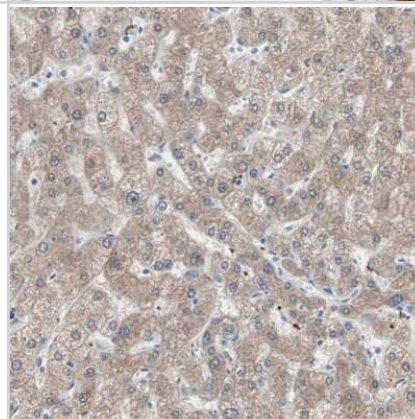
Immunohistochemistry-Paraffin: Ketohehexokinase Antibody [NBP1-85790]
- Staining in human small intestine and skeletal muscle tissues .
Corresponding KHK RNA-seq data are presented for the same tissues.



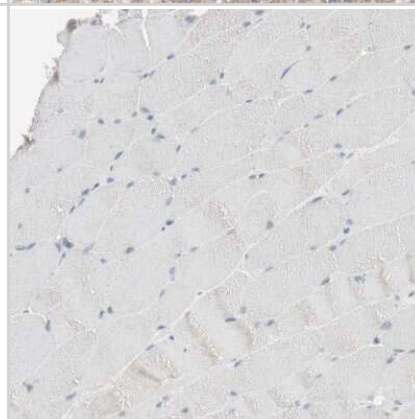
Immunohistochemistry-Paraffin: Ketohexokinase Antibody [NBP1-85790]
- Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Ketohexokinase Antibody [NBP1-85790]
- Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



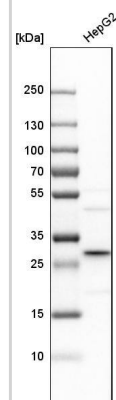
Immunohistochemistry-Paraffin: Ketohexokinase Antibody [NBP1-85790]
- Staining of human skeletal muscle shows no positivity in myocytes as expected.



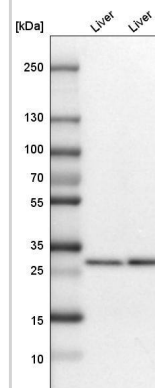
Immunohistochemistry-Paraffin: Ketohexokinase Antibody [NBP1-85790]
- Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



Analysis in human cell line HepG2.



Analysis in mouse liver tissue and rat liver tissue.



Publications

Mirtschink P, Krishnan J, Grimm F et al. HIF-driven SF3B1 induces KHK-C to enforce fructolysis and heart disease. *Nature* 2015-06-25 [PMID: 26083752] (WB, Mouse)

Lanaspa MA, Ishimoto T, Li N et al. Endogenous fructose production and metabolism in the liver contributes to the development of metabolic syndrome. *Nat Commun* 2013-01-01 [PMID: 24022321]

Ishimoto T, Lanaspas MA, Le MT et al. Opposing effects of fructokinase C and A isoforms on fructose-induced metabolic syndrome in mice. *Proc Natl Acad Sci U S A* 2012-03-13 [PMID: 22371574]



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Products Related to NBP1-85790

NBP1-85790PEP	Ketohexokinase 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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