

# Product Datasheet

## AGXT2 Antibody - BSA Free

### NBP1-89199

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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**NBP1-89199**

AGXT2 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 AGXT2 Antibody - BSA Free (NBP1-89199) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-AGXT2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64902
Gene Symbol	AGXT2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (85%). Reactivity reported in scientific literature (PMID: 24586340).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DVRGKGLMIGIEMVQDKISCRPLPREEVNQIHEDCKHMGLLVGRGSIFSQTFR APSMCITKPEVDFAVEVFRSALTQHMERRAK
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, WB reactivity reported in (PMID: 24586340).

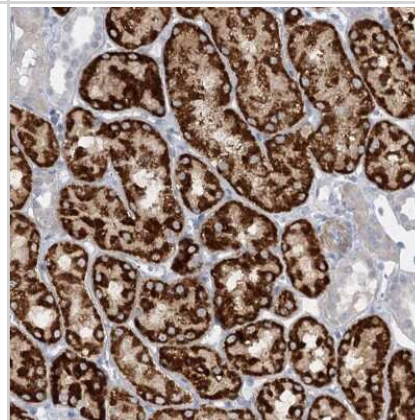


## Images

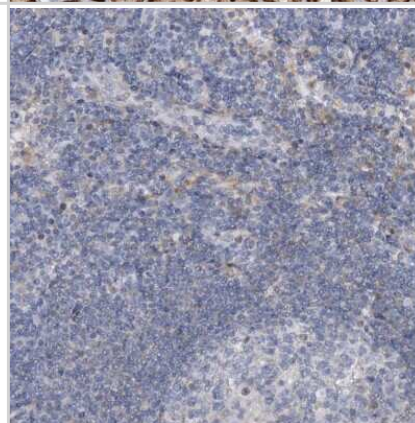
Immunohistochemistry-Paraffin: AGXT2 Antibody [NBP1-89199] - Staining in human kidney and lymph node tissues using anti-AGXT2 antibody. Corresponding AGXT2 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: AGXT2 Antibody [NBP1-89199] - Staining of human kidney shows high expression.



Immunohistochemistry-Paraffin: AGXT2 Antibody [NBP1-89199] - Staining of human lymph node shows low expression as expected.



## Publications

Kittel A, Muller F, Konig J et al. Alanine-glyoxylate aminotransferase 2 (AGXT2) Polymorphisms Have Considerable Impact on Methylarginine and beta-aminoisobutyrate Metabolism in Healthy Volunteers. PLoS One 2014-01-01 [PMID: 24586340] (ICC/IF, WB)



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### **Products Related to NBP1-89199**

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NBP1-89199PEP	AGXT2 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

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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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